ZURB Foundation

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About the Tutorial

Foundation is one of the advanced front-end frameworks for designing beautiful responsive websites. It works on all types of devices and provides you with HTML, CSS and JavaScript plugin. The tutorial is divided into sections, such that each section contains related topics with simple and useful examples.

Audience

This tutorial has been prepared for anyone who has a basic knowledge of HTML and CSS and has an urge to develop websites. After completing this tutorial, you will find yourself at a moderate level of expertise in developing web projects using Zurb Foundation Bootstrap.

Prerequisites

Before you proceed with this tutorial, we are assuming that you are already aware about the basics of HTML and CSS. If you are not well aware of these concepts then we will suggest you to go through our short tutorials on HTML Tutorial and CSS Tutorial.

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1. FOUNDATION – OVERVIEW

What is Foundation?

Foundation is one of the advanced front-end frameworks for designing beautiful responsive websites. It works on all types of devices and provides you with HTML, CSS and JavaScript plugins.

Foundation began as an internal style guide, built by ZURB in 2008. ZURB is a product design company in Campbell, California. It released Foundation 2.0 as open source in October 2011. The latest version of Foundation is 6.1.1, released in December 2015.

Why Use Foundation?

- It provides faster development by using Sass compiler, which works much faster than default compiler.
- It enriches your website with pricing tables, switches, joyride, range sliders, lightbox and many more.
- It comes with development package like Grunt and Libsass for faster coding and control.
- Foundation for sites provides you with HTML, CSS and JS to quickly build websites.
- Email framework provides you with responsive HTML emails, which can be read on any device.
- Foundation for Apps allows you to build fully responsive web apps.

Features

- It has powerful grid system and some useful UI components and cool JavaScript plugins.
- It provides responsive design, which serves all types of devices.
- It is optimized for mobile devices and truly supports mobile first approach.
- It provides HTML templates, which are customizable and extensible.

Advantages

- It is easy to learn, once you have the basic understanding of HTML and CSS.
- You can use Foundation freely as it is an open source.
- It provides you a bunch of templates, which helps you in start developing the website right away.
- Foundation supports preprocessors like SASS and Compass, which makes development faster.

Disadvantages

- Because of the popularity of the Twitter Bootstrap, the community support for Twitter Bootstrap is better than Foundation.
- It may take some time for beginners to learn and take advantage of the preprocessor support.
- Lack of wider support like QA sites and forums for fixing issues.
- Foundation has less themes compared to others.

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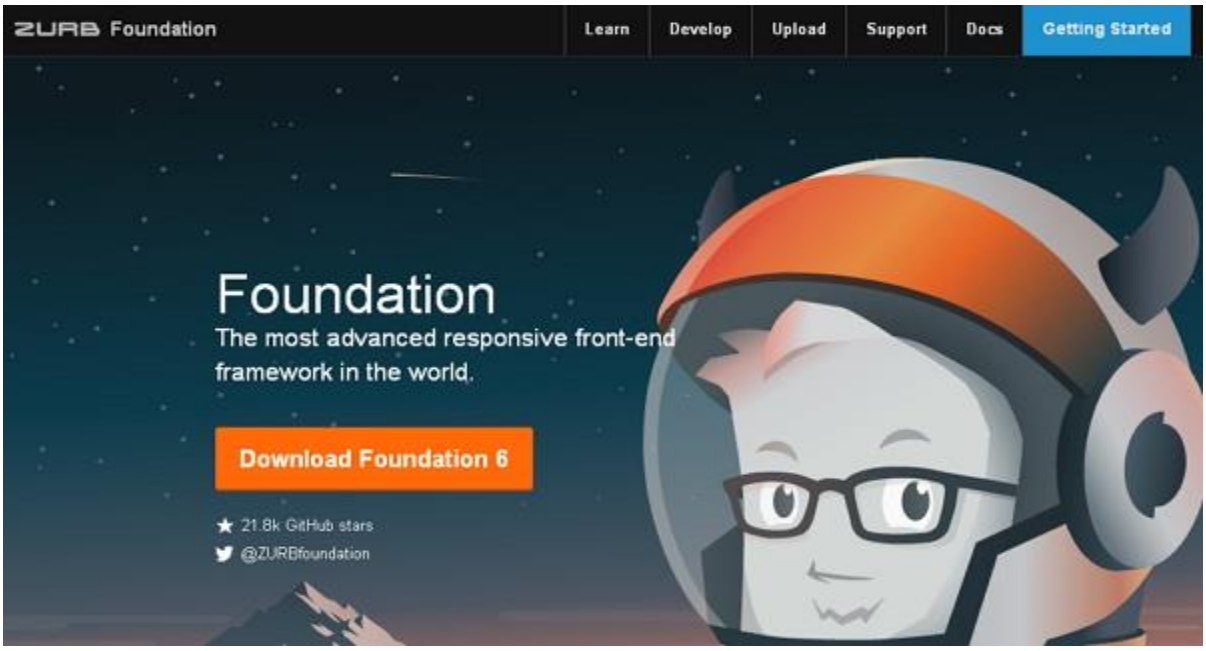
2. FOUNDATION – INSTALLATION

In this chapter, we will discuss about how to install and use Foundation on website.

Download Foundation

When you open the link foundation.zurb.com, you will see a screen as shown below -



Click the **Download Foundation 6** button, you will be redirected to another page.

Here you can see four buttons -

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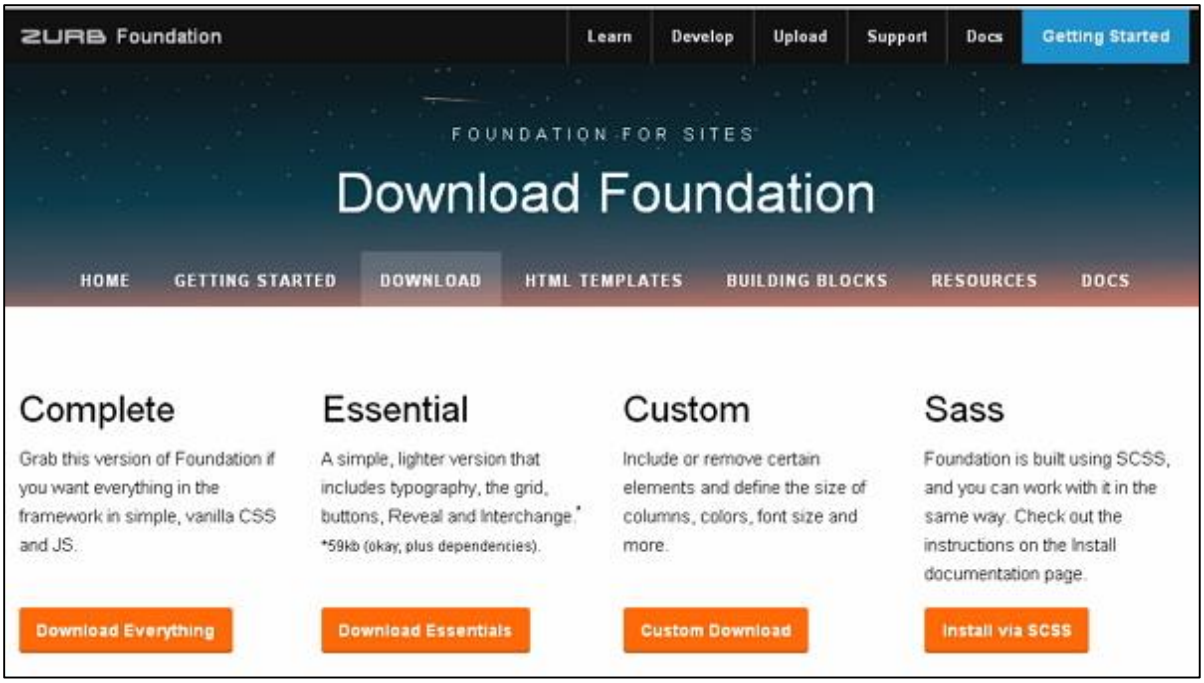

- **Download Everything:** You can download this version of Foundation, if you wish to have everything in the framework i.e. vanilla CSS and JS.

- **Download Essentials:** It will download the simple version which includes the grid, buttons, typography etc.

- **Custom Download:** This will download the custom library for Foundation, it includes elements and define size of columns, font size, color etc.

- **Install via SCSS:** This will redirect you to the documentation page to install Foundation for sites.

You can click the **Download Everything** button to get everything in the framework i.e. CSS and JS. As the files consist all things in the framework so every time you don't need to include separate files for individual functionality. At the time of writing this tutorial, the latest version (Foundation 6) was downloaded.

File Structure

Once Foundation is downloaded, extract the ZIP file, and you will see the following file/directory structure-

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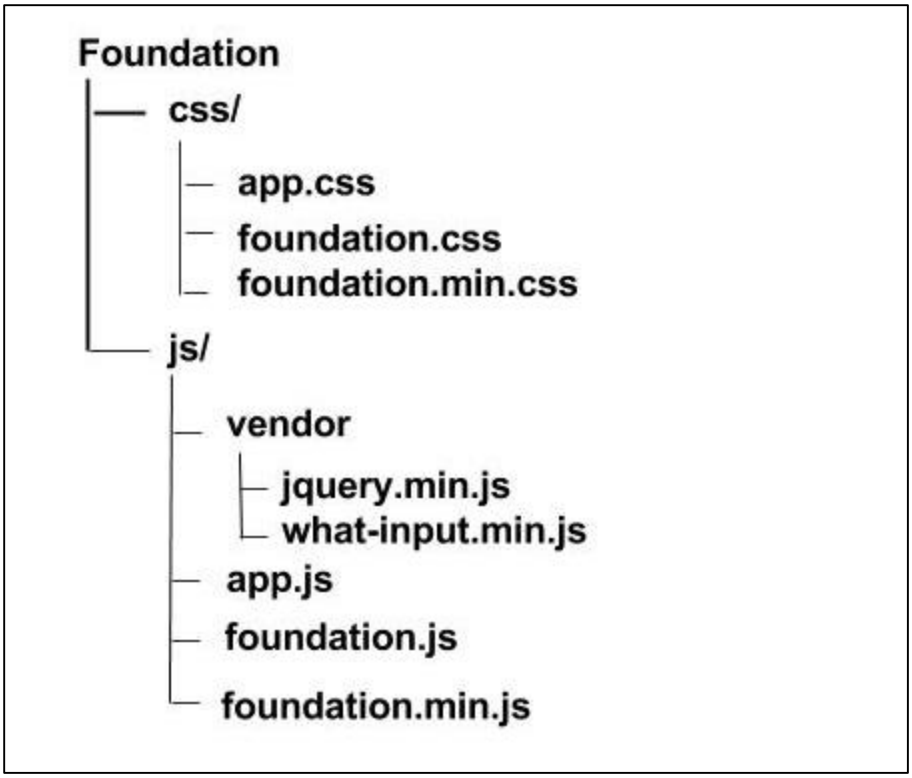

As you can see, there are compiled CSS and JS (foundation.*), as well as compiled and minified CSS and JS (foundation.min.*).

We are using the CDN versions of the library throughout this tutorial.

HTML Template

A basic HTML template using Foundation is as shown below:

```
<!DOCTYPE html>
<html>
  <head>
   <title>Foundation Template</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
     <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
     <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
```


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```
     <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
  </head>
  <body>
    <h1>Hello, world!</h1>
  </body>
</html>
```

The following sections describe the above given code in detail.

HTML5 doctype

Foundation consists of certain HTML elements and CSS properties that require the use of the HTML5 doctype. Therefore, the following code for HTML5 doctype should be included at the beginning of all your projects using Foundation.

```
<!DOCTYPE html>
<html>
   ....
</html>
```

Mobile First

It helps to be responsive to mobile devices. You need to include the **viewport meta tag** to the <head> element, to ensure proper rendering and touch zooming on mobile devices.

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

- *width* property controls the width of the device. Setting it to device-width will make sure that it is rendered across various devices (mobiles, desktops, tablets...) properly.

- *initial-scale = 1.0* ensures that when loaded, your web page will be rendered at a 1:1 scale, and no zooming will be applied out of the box.

Initialization of Components

The jQuery script is required in Foundation for components like modals and dropdown.

```
<script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
```


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```
<script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
```

Output

Let us carry out the following steps to see how the above html code works:

- Save above html code in **firstexample.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

Hello, world!

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3. FOUNDATION – STARTER PROJECTS

You can start with your project development with some available templates, which can be installed through Yeti Launch or Foundation CLI. You can start with the new project by using these templates by using *Gulp* build system for the processing of the Sass, JavaScript, copying files etc.

Basic Template

The basic template is something like SASS template, which includes the flat directory structure and compiles only SASS files and it is good to have this simple template while using only SASS. You can use the basic template by using *Yeti Launch* or using *Foundation CLI* using the following command:

```
$ foundation new --framework sites --template basic
```

To set up this, first run the *npm install*, *bower install* and use the *npm start*command to run it. You can also download the template files from the Github.

ZURB Template

It is a combination of CSS/SCSS, JavaScript, Handlebars template, markup structure, image compression and uses SASS processing. You can use the ZURB template by using *Yeti Launch* or using *Foundation CLI* using the below command:

```
$ foundation new --framework sites --template zurb
```

To run this template, follow the same steps specified in the basic template. You can also download the template files from the Github.

Asset Copying

You can copy the content in the *src/assets* folder, using *Gulp* in which *assets* will be your project folder. Important thing here is, the SASS files, JavaScript files and images will not come under this asset copying process, as they will be having their own process to copy the content.

Page Compilation

You can create HTML pages under three folders namely *pages*, *layouts* and *partials* which resides inside the *src/* directory. You can use the Panini flat file compiler that creates layouts

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for pages by using templates, pages, HTML partials. This process can be done by using Handlebars templating language.

SASS Compilation

You can compile the SASS to CSS using Libsass and the main SASS file will be stored under *src/assets/scss/app.scss* and also newly created SASS partials will be stored under this folder itself. The output of CSS will be like normal CSS, which is in the nested style. You can compress the CSS with clean-css and removes the unused CSS from the stylesheet using UnCSS.

JavaScript Compilation

The JavaScript files will be stored under *src/assets/js* folder along with Foundation and all dependencies are tied together into *app.js* file. The files will be tied together as specified in the below order:

- Dependencies of Foundation.
- Files will be stored under *src/assets/js* folder.
- The files are bundled into one file called *app.js*.

Image Compression

By default, all images will be stored under *assets/img* folder under *dist* folder. You can compress the images while building for production using *gulp-imagemin*which supports JPEG, PNG, SVG and GIF files.

BrowserSync

You can create a BrowserSync server which is synchronized browser testing available at *http://localhost:8000* and able to see the compiled templates using this URL. While your server is running, the page refreshes automatically when you save the file and you could see the changes made to the page in real time as you work.

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4. FOUNDATION – KITCHEN SINK

Description

It includes the Foundation elements to work with the web applications smoothly. The following table lists some of the Foundation components:

S. No.	Components & Description
1	**Accordion** Accordions contain vertical tabs, which are used on websites to expand and collapse large amount of data.
2	**Accordion Menu** It displays the collapsible menu with accordion effects.
3	**Badge** Badges are similar to labels, which are used to highlight the information such as important notes and messages.
4	**Breadcrumbs** It specifies the current location for a site within navigational hierarchy.
5	**Buttons** Foundation supports standard buttons with different styles.
6	**Callout** Callout is an element, which can be used to place the content inside.
7	**Close Button** It is used to dismiss the alert box.
8	**Drilldown Menu** Drilldown menu changes the nested lists into vertical drilldown menu.

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9	**Dropdown Menu** Dropdown menu is used for displaying links in a list format.
10	**Dropdown Pane** Dropdown pane displays the content when you click the button.
11	**Flex Video** It is used to create video objects in the web pages.
12	**Float Classes** It is used to add utility classes to HTML elements.
13	**Forms** It is used to create form layout to collect user input.
14	**Label** Labels are inline styles, which define a label for an input element.
15	**Media Object** It is used to add media objects such as images, video, blog comments etc. which can be placed left or right of the content block.
16	**Menu** It provides access to different modes in the website.
17	**Pagination** It is a type of navigation that divides the content into a series of related pages.
18	**Slider** It specifies the range of values by dragging a handle.
19	**Switch** It is used to switch between on and off state.
20	**Table**

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	It represents the data in rows and columns format.
21	**Tabs** It is a navigation based tab that displays the content into different panes without leaving the page.
22	**Thumbnail** It styles the images in thumbnail shape.
23	**Title Bar** It is used to display the current screen used by the user with other menu items.
24	**Tooltip** It is small pop-up box that describes the information when you hover the mouse on the link.
25	**Top Bar** It is used to create navigation header in the website.
26	**Orbit** It is an easy and powerful slider that swipes the elements using the *orbit* class.

Foundation – Accordion

Description

Accordions contain vertical tabs, which are used on websites to expand and collapse large amount of data. It makes the collapsing divisions of the page and content is broken into logical sections.

Example

The following example demonstrates the use of *accordion* in Foundation:

```
<!doctype html>
<head>
    <meta charset="utf-8" />
```


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```
    <meta http-equiv="x-ua-compatible" content="ie=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Accordion</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
 </head>
 <body>
 <h2>Accordion Example</h2>
 <ul class="accordion" data-accordion role="tablist">
    <li class="accordion-item is-active">
       <a  href="#collapse1"  role="tab"  class="accordion-title"  id="collapse1-
heading">Foundation</a>
       <div  id="collapse1"  class="accordion-content"  role="tabpanel"  data-tab-
content aria-labelledby="panel1d-heading">
       The most advanced responsive front-end framework.
       </div>
    </li>
    <li class="accordion-item">
       <a  href="#collapse2"  role="tab"  class="accordion-title"  id="collapse2-
heading">Bootstrap</a>
       <div  id="collapse2"  class="accordion-content"  role="tabpanel"  data-tab-
content aria-labelledby="panel1d-heading">
       Bootstrap is the most popular and powerful front-end framework.
       </div>
    </li>
    <li class="accordion-item">
       <a  href="#collapse3"  role="tab"  class="accordion-title"  id="collapse3-
heading">HTML</a>
       <div  id="collapse3"  class="accordion-content"  role="tabpanel"  data-tab-
content aria-labelledby="panel1d-heading">
```


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```
        HTML is a markup language for describing web documents.
        </div>
    </li>
</ul>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above html code works:

- Save the above given html code in **accordion.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

Foundation – Accordion Menu

Description

It displays the collapsible menu with accordion effects and provides support for auto collapse.

Example

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The following example demonstrates the use of *accordion menu* in Foundation:

```
<!doctype html>
<head>
    <meta charset="utf-8" />
    <meta http-equiv="x-ua-compatible" content="ie=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Accordion Menu</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Accordion Menu Example</h2>
<ul class="vertical menu" data-accordion-menu>
  <li><a href="#">Two Wheeler</a>
     <ul class="menu vertical nested is-active">
        <li><a href="#">Honda</a>
             <ul class="menu vertical nested">
                  <li><a href="#">CB Shine</a></li>
                  <li><a href="#">Unicorn</a></li>
                  <li><a href="#">Dream Yuga</a></li>
             </ul>
        </li>
        <li><a href="#">TVS</a></li>
        <li><a href="#">Bajaj</a></li>
     </ul>
  </li>
  <li><a href="#">Four Wheeler</a>
      <ul class="menu vertical nested">
```


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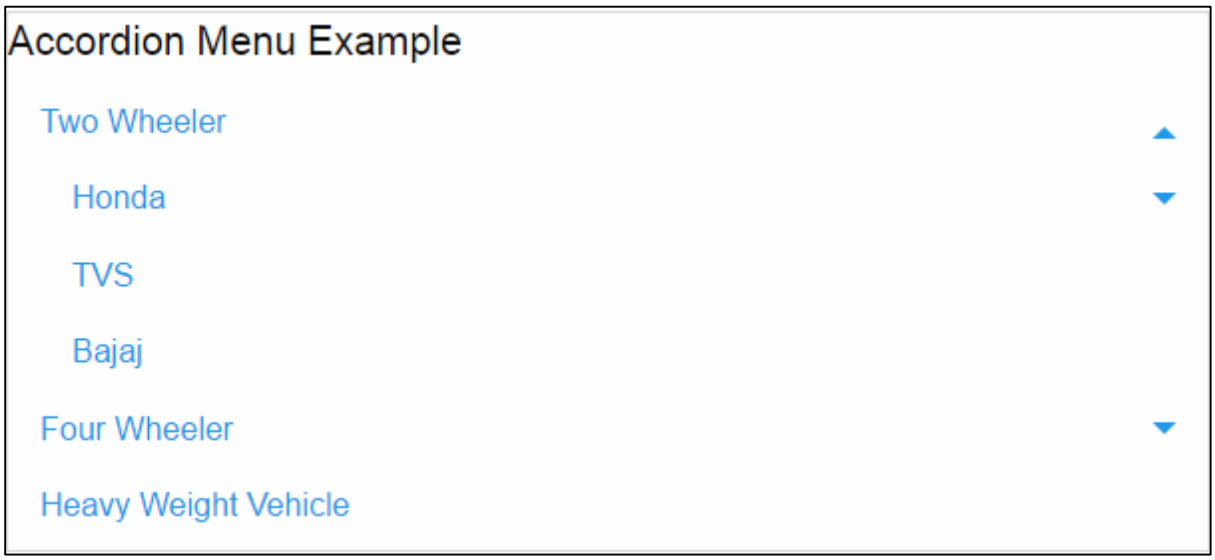
```
            <li><a href="#">Mahindra</a></li>
            <li><a href="#">Ford</a></li>
      </ul>
  </li>
  <li><a href="#">Heavy Weight Vehicle</a></li>
</ul>

<script>
   $(document).ready(function() {
     $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in the **accordion_menu.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



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Foundation – Badge

Description

Badges are similar to labels, which are used to highlight the information such as important notes, messages and display with the rounded corners.

Example

The following example demonstrates the use of *badge* in Foundation:

```
<!doctype html>
<head>
    <meta charset="utf-8" />
    <meta http-equiv="x-ua-compatible" content="ie=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Badge</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
 </head>
 <body>
 <h2>Badge Example</h2>
   <a href="">Link<span class="secondary badge">A</span></a>
   <span class="success badge">B</span>
   <span class="alert badge">1</span>
   <span class="warning badge">2</span>
   <span class="dark badge">3</span>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

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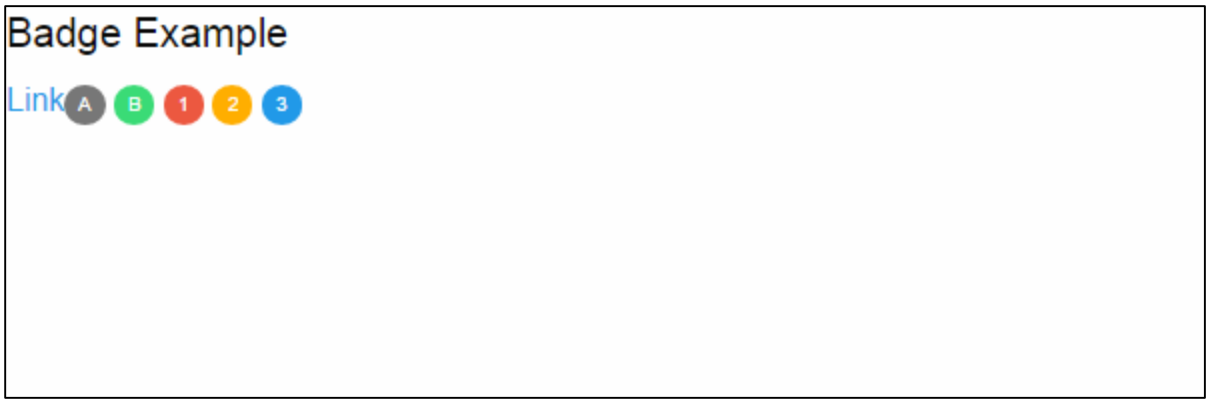
- Save the above given html code in **badge.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Breadcrumbs

Description

It specifies the current location for a site within the navigational hierarchy. It is useful when accessing a large number of the pages of a website.

Example

The following example demonstrates the use of *breadcrumbs* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Breadcrumbs</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
```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```
<body>
<h2>Breadcrumbs Example</h2>
<ul class="breadcrumbs">
   <li><a href="#">Home</a></li>
   <li><a href="#">About Us</a></li>
   <li class="disabled">Services</li>
   <li>
      <span class="show-for-sr">Contact: </span> Contact Us
   </li>
</ul>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **breadcrumbs.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

Foundation – Button

Description

Foundation supports the standard buttons with different styles. Use the *button*classes with button element.

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Example

The following example demonstrates the use of *buttons* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Button</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
   <h2>Button Example</h2>
   <button type="button" class="success button">Login</button>
   <button type="button" class="alert button">Logout</button>
   <button type="button" class="warning button">Registration</button><br>

   <a class="tiny button" href="#">Tiny Button</a>
   <a class="small button" href="#">Small Button</a>
   <a class="large button" href="#">Large Button</a>
   <a class="expanded button" href="#">Expand Button</a>

   <div class="button-group">
      <a class="button">Cricket</a>
      <a class="button">Football</a>
      <a class="button">Hockey</a>
   </div>
</body>
</html>
```


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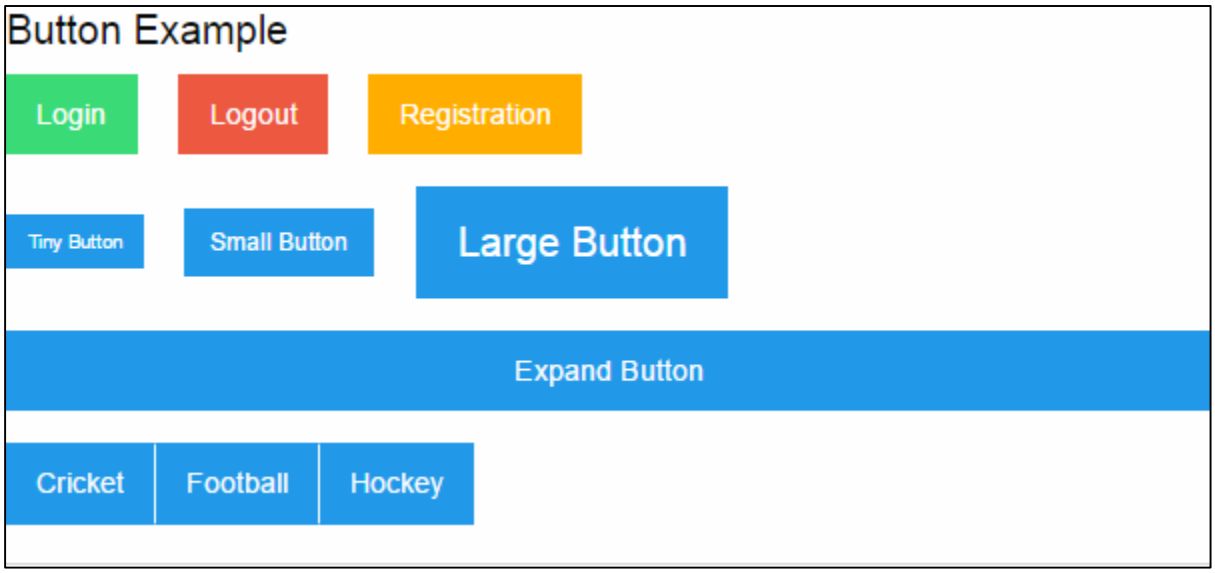
Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **button.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Callout

Description

Callout is an element, which can be used to place the content inside.

Example

The following example demonstrates the use of *Callout* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```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```
   <title>Callout</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Callout Example</h2>
<div class="callout">
   <h5>callout.</h5>
   <a href="#">Foundation is a responsive front-end framework.</a>
</div>

<div class="callout secondary">
   <h5>secondary callout</h5>
   <a href="#">Foundation is a responsive front-end framework.</a>
</div>

<div class="callout success">
   <h5>success callout</h5>
   <a href="#">Foundation is a responsive front-end framework.</a>
</div>

<div class="callout warning">
   <h5>warning callout</h5>
   <a href="#">Foundation is a responsive front-end framework.</a>
</div>

<div class="callout alert">
   <h5>alert callout</h5>
```


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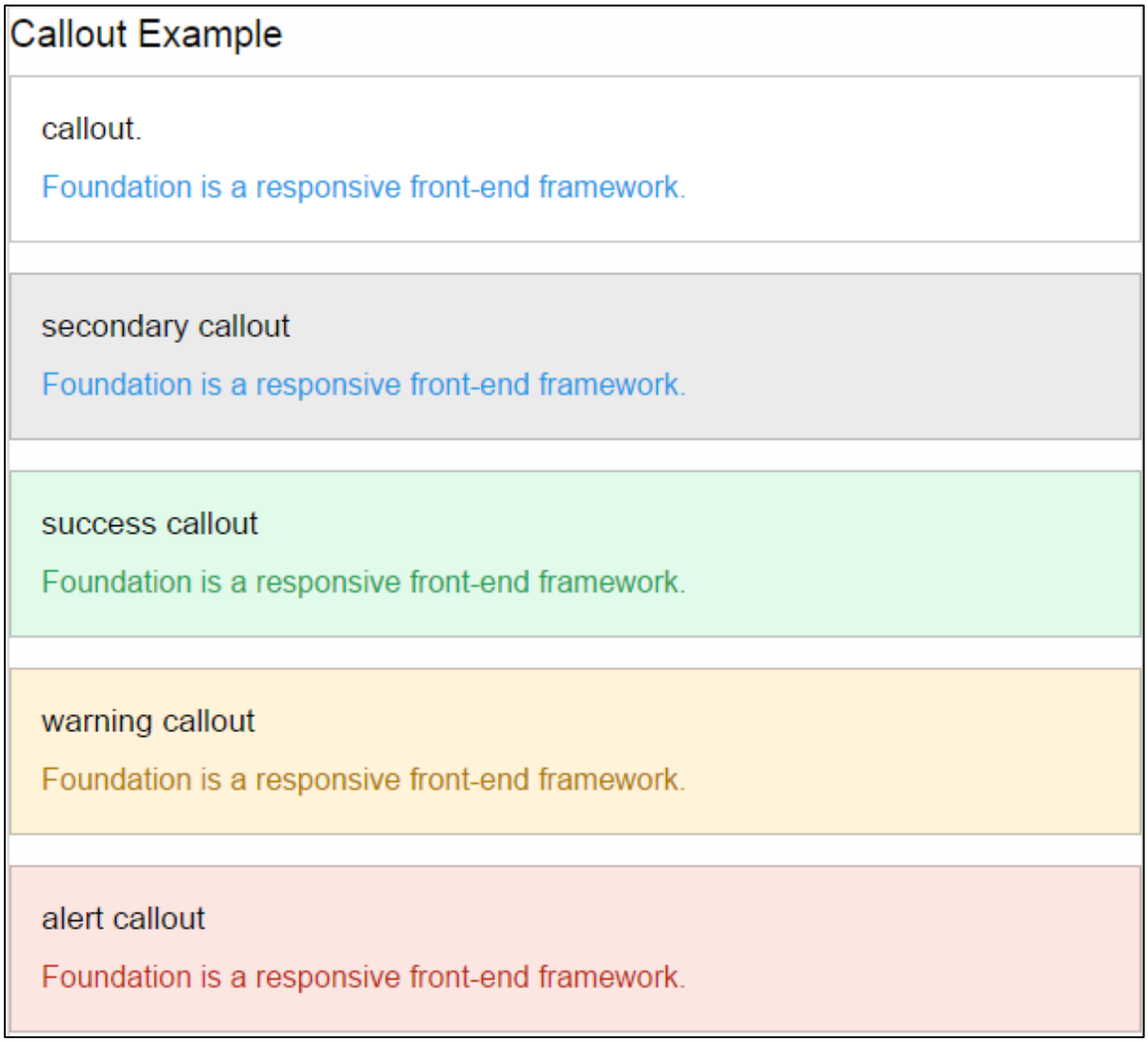
```
   <a href="#">Foundation is a responsive front-end framework.</a>
</div>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **callout.html** file.
- Open this HTML file in a browser. An output is displayed as shown below.



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Foundation – Close Button

Description

The Close button is used to dismiss the alert box.

Example

The following example demonstrates the use of *close button* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Close Button</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Close Button Example</h2>
<div class="callout">
   <button class="close-button" aria-label="Close alert" type="button">
      <span aria-hidden="true">×</span>
   </button>
   <p>Example of static close button.</p>
</div>
</body>
</html>
```

Output

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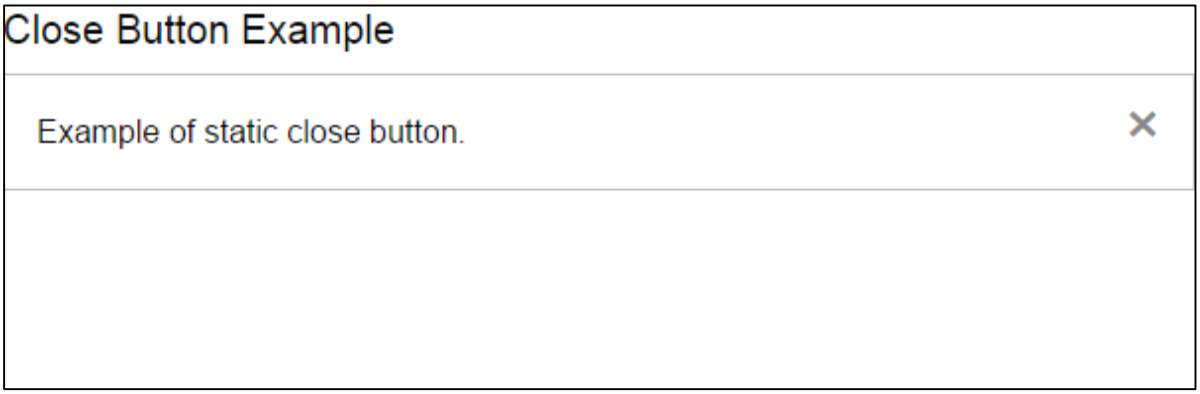
Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **close_button.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Drilldown Menu

Description

Drilldown menu is a standard menu syntax that changes the nested lists into vertical drilldown menu.

Example

The following example demonstrates the use of *drilldown menu* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Drilldown Menu</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
```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```
</head>
<body>
<h2>Drilldown Menu Example</h2>
<ul class="vertical menu" data-drilldown style="width: 200px">
  <li>
    <a href="#">Cars</a>
    <ul class="vertical menu">
      <li>
        <a href="#">Mahindra</a>
        <ul class="vertical menu">
          <li><a href="#">Xylo</a></li>
          <li><a href="#">Scorpio</a></li>
          <li><a href="#">Bolero</a></li>
          <li><a href="#">Quanto</a></li>
        </ul>
      </li>
      <li><a href="#">Ford</a></li>
      <li><a href="#">Skoda</a></li>
      <li><a href="#">Toyota</a></li>
      <li><a href="#">Renualt</a></li>
    </ul>
  </li>
  <li>
    <a href="#">Sports</a>
    <ul class="vertical menu">
      <li><a href="#">Cricket</a></li>
      <li><a href="#">Football</a></li>
      <li><a href="#">Baseball</a></li>
      <li><a href="#">Hockey</a></li>
    </ul>
  </li>
  <li>
```


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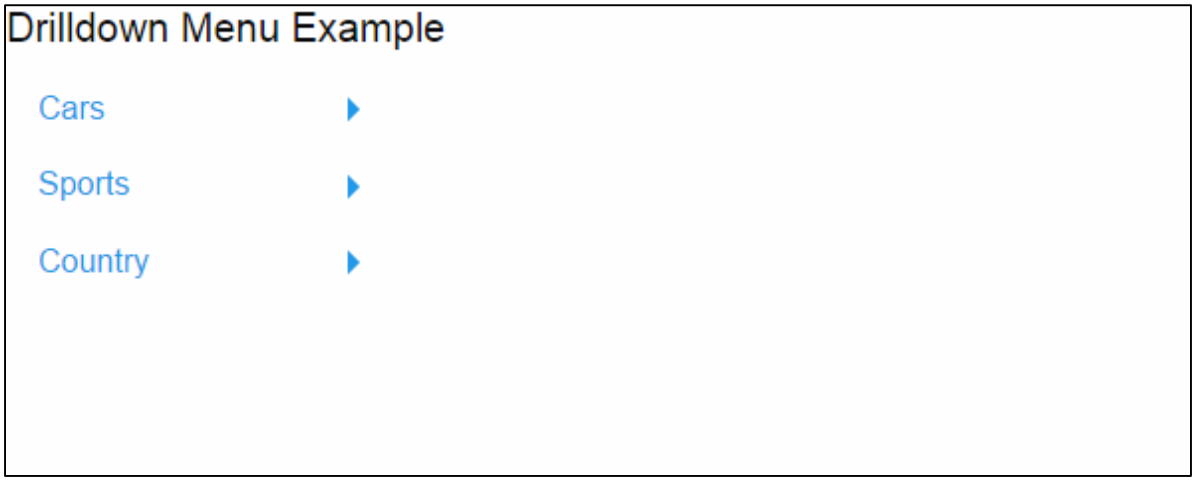
```
    <a href="#">Country</a>
    <ul class="vertical menu">
      <li><a href="#">India</a></li>
      <li><a href="#">Srilanka</a></li>
      <li><a href="#">Australia</a></li>
      <li><a href="#">England</a></li>
    </ul>
  </li>
</ul>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **drilldown_menu.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Dropdown Menu

Description

The Dropdown menu is used for displaying the links in a list format.

Example

The following example demonstrates the use of *dropdown menu* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Dropdown Pane</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Dropdown Menu Example</h2>
<ul class="dropdown menu" data-dropdown-menu>
  <li>
    <a>Cars</a>
    <ul class="menu">
      <li><a href="#">Ford</a></li>
      <li>
        <a href='#'>Mahindra</a>
        <ul class='menu'>
          <li><a href='#'>Xylo</a></li>
          <li><a href='#'>Scorpio</a></li>
          <li>
            <a href='#'>XUV</a>
```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```
            <ul class='menu'>
              <li><a href='#'>W4</a></li>
              <li><a href='#'>W6</a></li>
            </ul>
          </li>
        </ul>
      </li>
      <li><a href="#">Skoda</a></li>
    </ul>
  </li>
  <li>
    <a href="#">Sports</a>
    <ul class="menu">
      <li><a href="#">Cricket</a></li>
      <li><a href="#">Football</a></li>
    </ul>
  </li>
  <li><a href="#">Country</a></li>
</ul>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **dropdown_menu.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

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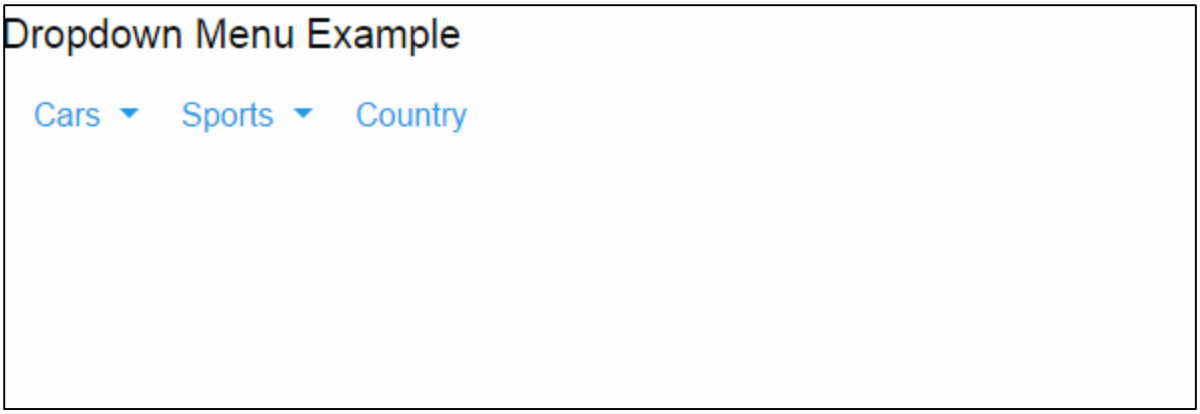

Foundation – Dropdown Pane

Description

The Dropdown pane displays the content when you click the button.

Example

The following example demonstrates the use of *dropdown pane* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Dropdown Pane</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Dropdown Pane Example</h2>
<button class="button" type="button" data-toggle="dropdown_toggle">Dropdown
Pane</button>
```


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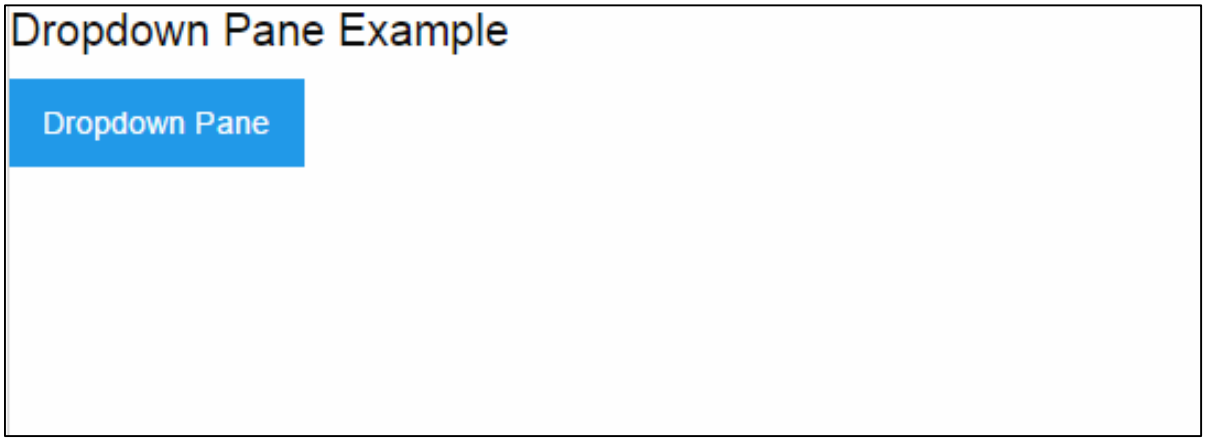
```
<div class="dropdown-pane" id="dropdown_toggle" data-dropdown>
  Foundation is a responsive front-end framework.
</div>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **dropdown_pane.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Flex Video

Description

The Flex Video is used to create video objects in the web pages by using *flex-video* class in the *div* tag.

Example

The following example demonstrates the use of *flex video* in Foundation:

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```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Flex Video</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Flex Video Example</h2>
<div class="flex-video">
  <iframe width="200" height="200"
src="/foundation/images/kitchen_sink/video.mp4"></iframe>
</div>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save above given html code in **flex_video.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

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Foundation – Float Classes

Description

Float classes are used to add utility classes to the HTML elements by adding *.clearfix* class to the parent element.

Example

The following example demonstrates the use of *float classes* in Foundation:

```
<!doctype html>
<head>
    <meta charset="utf-8" />
    <meta http-equiv="x-ua-compatible" content="ie=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Float Classes</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
```


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```
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Float Classes Example</h2>
<div class="callout clearfix">
    <a class="button float-left">Left</a>
    <a class="button float-right">Right</a>
</div>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **float_classes.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

Foundation – Forms

Description

Form is used to create a form layout to collect user input.

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Example

The following example demonstrates the use of *forms* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Forms</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Forms Example</h2>
<form>
  <label>Input Label
    <input type="text" placeholder="enter your text">
  </label>
  <p class="help-text">This is help text..</p>
  <label>
    <textarea placeholder="This is text area"></textarea>
  </label>
  <label>Select Menu
    <select>
      <option value="india">India</option>
      <option value="newzealand">New Zealand</option>
      <option value="china">China</option>
      <option value="japan">Japan</option>
    </select>
```


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```
  </label>
  <div class="row">
    <fieldset class="small-6 columns">
      <legend>Your Favorite Fruit?</legend>
      <input type="radio" name="fruit" value="Apple"><label
for="fruitApp">Apple</label>
      <input type="radio" name="fruit" value="Grapes"><label
for="fruitGrp">Grapes</label>
    </fieldset>
    <fieldset class="small-6 columns">
      <legend>Choose your car?</legend>
      <input id="checkbox1" type="checkbox"><label for="checkbox1">Scorpio</label>
      <input id="checkbox2" type="checkbox"><label for="checkbox2">XUV</label>
      <input id="checkbox3" type="checkbox"><label for="checkbox3">Xylo</label>
    </fieldset>
  </div>
  <div class="input-group">
    <span class="input-group-label">Amnt</span>
    <input class="input-group-field" type="url">
    <a class="input-group-button button">Submit</a>
  </div>
</form>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **forms.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

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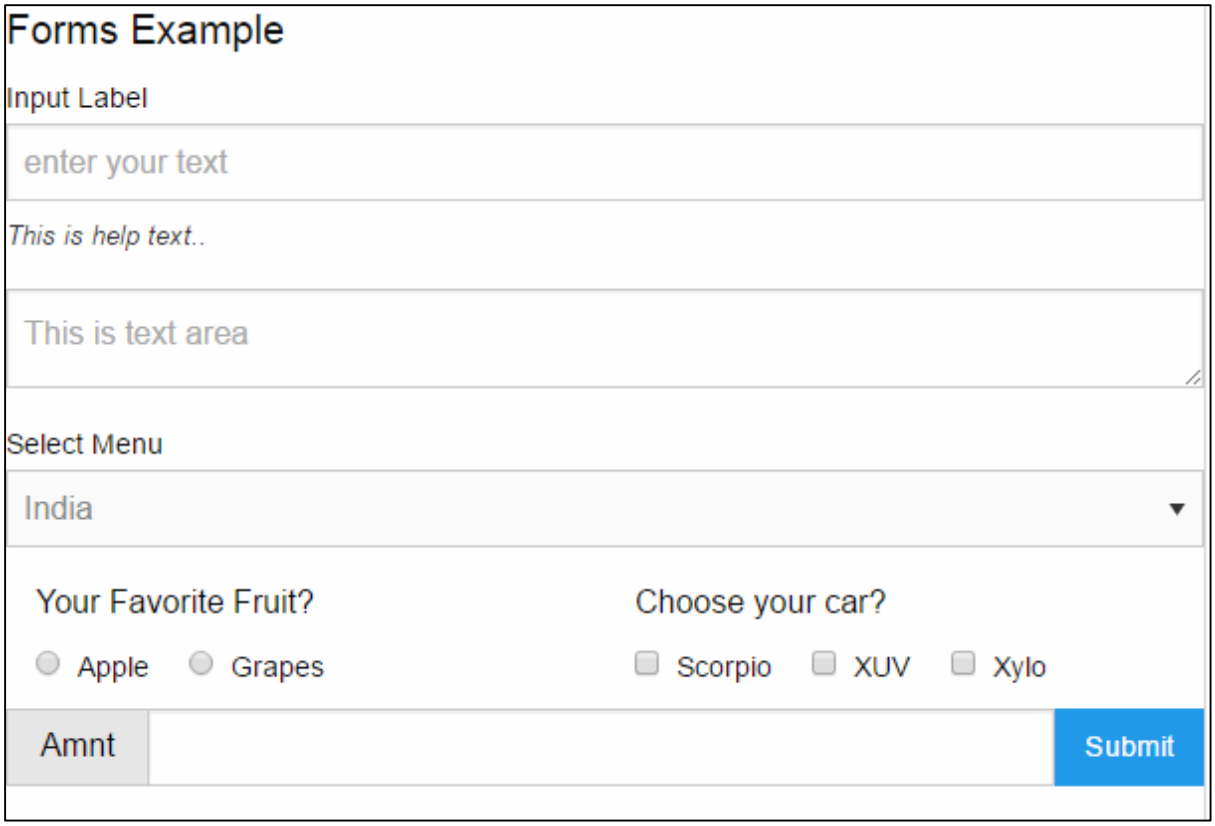

Foundation – Labels

Description

Labels are inline styles, which define labels for an input element.

Example

The following example demonstrates the use of *labels* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Labels</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
```


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```
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Labels Example</h2>
   <span class="secondary label">Label-Secondary</span>
   <span class="success label">Label-Success</span>
   <span class="alert label">Label-Alert</span>
   <span class="warning label">Label-Warning</span>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **label.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

Foundation – Media Object

Description

Media Object is used to add media objects such as images, videos, blog comments etc., which can be placed left or right of the content block.

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Example

The following example demonstrates the use of *media object* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Media Object</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Media Object Example</h2>
<div class="media-object">
  <div class="media-object-section middle">
    <div class="thumbnail">
      <img src= "/foundation/images/kitchen_sink/winter.jpg">
    </div>
  </div>
  <div class="media-object-section">
    <h4>Media Object</h4>
    <p>Media objects are super useful components for displaying an item, usually an
image, alongside some content, usually text.</p>
  </div>
</div>
</body>
</html>
```


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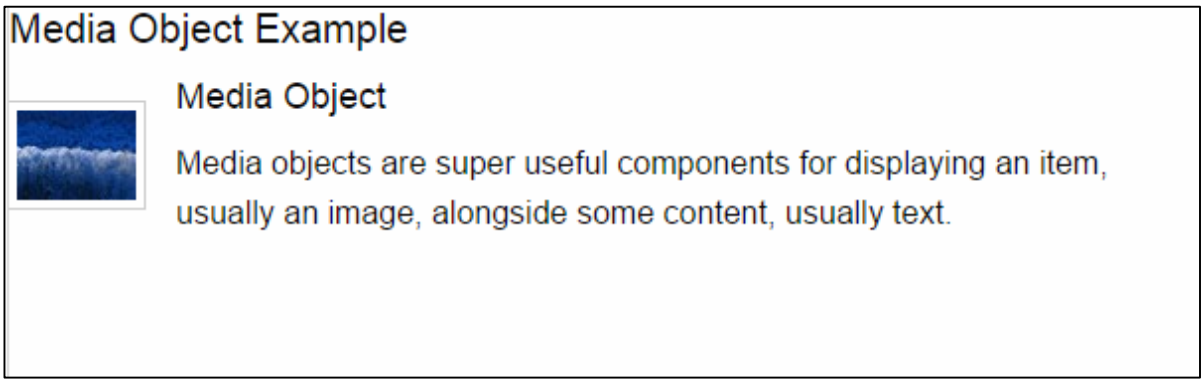
Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **media_object.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Menu

Description

The Menu provides access to different modes in the website.

Example

The following example demonstrates the use of *menu* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Menu</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
```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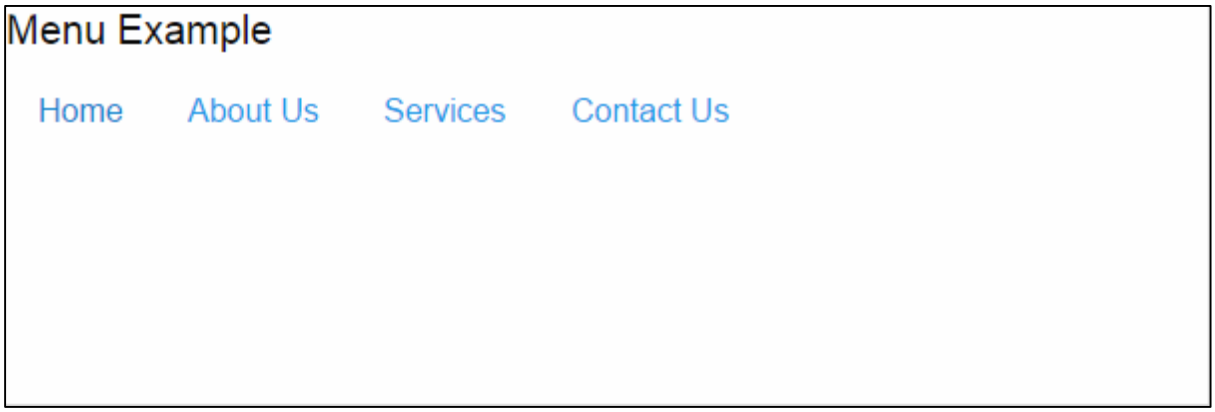
```
</head>
<body>
<h2>Menu Example</h2>
<ul class="menu">
  <li><a href="#">Home</a></li>
  <li><a href="#">About Us</a></li>
  <li><a href="#">Services</a></li>
  <li><a href="#">Contact Us</a></li>
</ul>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **foundtn_menu.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Pagination

Description

Pagination is a type of navigation that divides the content into series of related pages.

Example

The following example demonstrates the use of *pagination* in Foundation:

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```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Pagination</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Pagination Example</h2>
<ul class="pagination">
   <li class="disabled">Previous</li>
   <li class="current">1</li>
   <li><a href="#">2</a></li>
   <li><a href="#">3</a></li>
   <li><a href="#">4</a></li>
   <li class="ellipsis"></li>
   <li><a href="#">12</a></li>
   <li><a href="#">13</a></li>
   <li><a href="#">Next</a></li>
</ul>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **pagination.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

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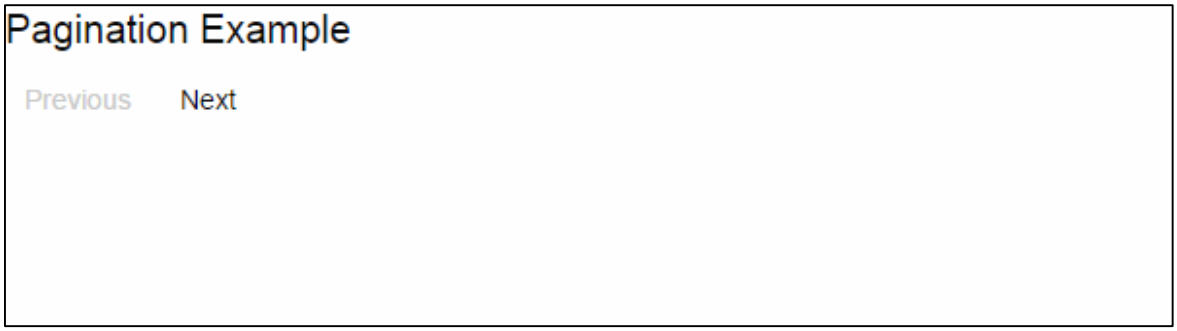

Foundation – Slider

Description

The Slider allows specifying the range value by dragging a handle.

Example

The following example demonstrates the use of *slider* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Slider</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Slider Example</h2>
<div class="slider" data-slider data-initial-start="30" data-end="150">
  <span class="slider-handle"  data-slider-handle role="slider"></span>
  <span class="slider-fill" data-slider-fill></span>
```


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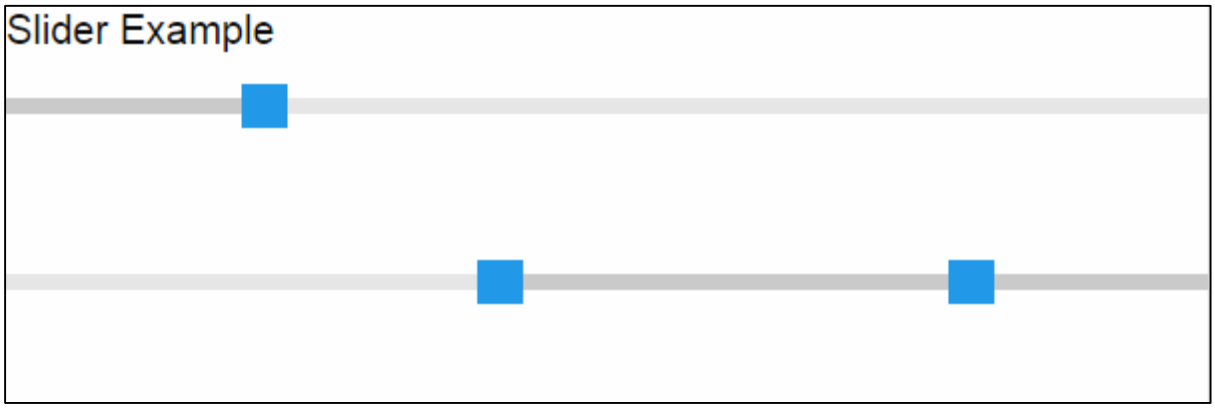
```
  <input type="hidden">
</div><br>

<div class="slider" data-slider data-initial-start="40" data-initial-end="80">
  <span class="slider-handle" data-slider-handle role="slider"></span>
  <span class="slider-fill" data-slider-fill></span>
  <span class="slider-handle" data-slider-handle role="slider"></span>
</div>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **slider.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



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Foundation – Switch

Description

It is used to switch between on and off state.

Example

The following example demonstrates the use of *switch* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Switch</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Switch Example</h2>
<div class="switch tiny">
  <input class="switch-input" id="switch_tiny" type="checkbox">
  <label class="switch-paddle" for="switch_tiny"></label>
</div>

<div class="switch small">
  <input class="switch-input" id="switch_small" type="checkbox">
  <label class="switch-paddle" for="switch_small"></label>
</div>
```


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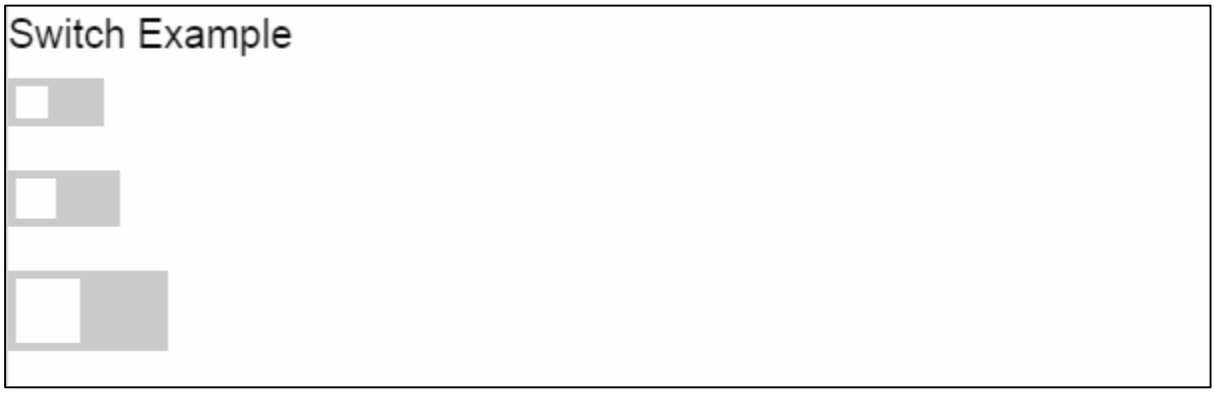
```
<div class="switch large">
  <input class="switch-input" id="switch_large" type="checkbox">
  <label class="switch-paddle" for="switch_large"></label>
</div>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **switch.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Table

Description

The Table represents the data in rows and columns format.

Example

The following example demonstrates the use of *table* in Foundation:

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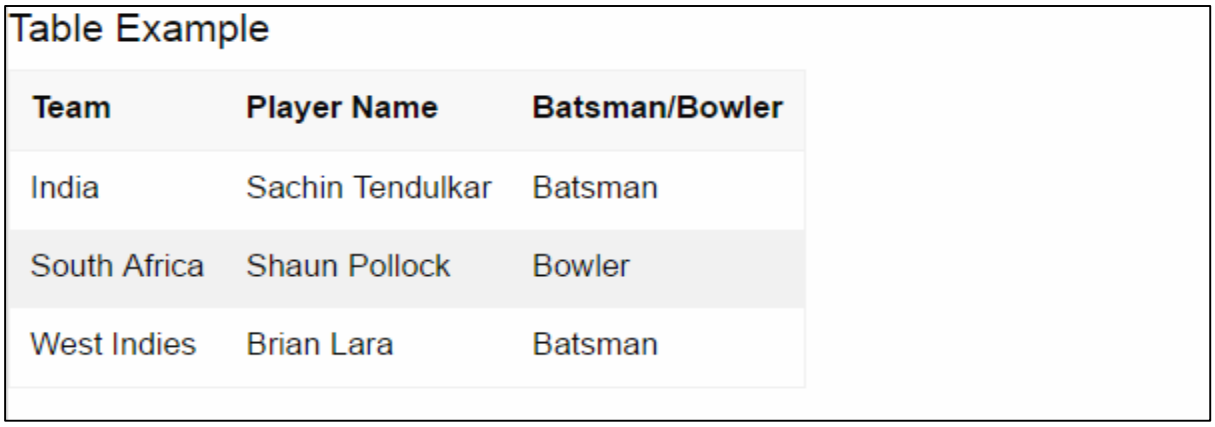
```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Table</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Table Example</h2>
<table>
  <thead>
    <tr>
      <th>Team</th>
      <th>Player Name</th>
      <th>Batsman/Bowler</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>India</td>
      <td>Sachin Tendulkar</td>
      <td>Batsman</td>
    </tr>
    <tr>
      <td>South Africa</td>
      <td>Shaun Pollock</td>
      <td>Bowler</td>
    </tr>
```

```
    <tr>
      <td>West Indies</td>
      <td>Brian Lara</td>
      <td>Batsman</td>
    </tr>
</tbody>
</table>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **table.html** file.
- Open this HTML file in a browser, an output is displayed as shown below .



Foundation – Tabs

Description

It is a navigation-based tab that displays the content into different panes without leaving the page.

Example

The following example demonstrates the use of *tabs* in Foundation:

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```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Tabs</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Tabs Example</h2>
<ul class="tabs" data-tabs id="tabs_example">
  <li class="tabs-title is-active"><a href="#tab1">Player 1</a></li>
  <li class="tabs-title"><a href="#tab2">Player 2</a></li>
  <li class="tabs-title"><a href="#tab3">Player 3</a></li>
  <li class="tabs-title"><a href="#tab4">Player 4</a></li>
  <li class="tabs-title"><a href="#tab5">Player 5</a></li>
</ul>

<div class="tabs-content" data-tabs-content="tabs_example">
  <div class="tabs-panel is-active" id="tab1">
    <p>First Player</p>
    <p>Sachin Tendulkar</p>
  </div>
  <div class="tabs-panel" id="tab2">
    <p>Second Player</p>
    <p>M S Dhoni</p>
  </div>
  <div class="tabs-panel" id="tab3">
    <p>Third Player</p>
```


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```
    <p>Shane Warne</p>
  </div>
  <div class="tabs-panel" id="tab4">
    <p>Fourth Player</p>
    <p>Shaun Pollock</p>
  </div>
  <div class="tabs-panel" id="tab5">
    <p>Five Player</p>
    <p>Adam Gilchrist</p>
  </div>
</div>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **tabs.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

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Foundation – Thumbnail

Description

Thumbnail styles the images in a thumbnail shape.

Example

The following example demonstrates the use of *thumbnail* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Thumbnail</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Thumbnail Example</h2>
<div class="row">
  <div class="small-4 columns">
    <img class="thumbnail" src= "/foundation/images/kitchen_sink/winter.jpg"
alt="Winter">
  </div>
  <div class="small-4 columns">
    <img class="thumbnail" src="/foundation/images/kitchen_sink/Blue hills.jpg"
alt="Blue hills">
  </div>
  <div class="small-4 columns">
    <img     class="thumbnail"     src="/foundation/images/kitchen_sink/Sunset.jpg"
alt="Sunset">
```


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```
  </div>
</div>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **thumbnail.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

Foundation – Title Bar

Description

Title Bar can be used to display the menu items on either side as a title bar.

Example

The following example demonstrates the use of *title bar* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Title Bar</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
```


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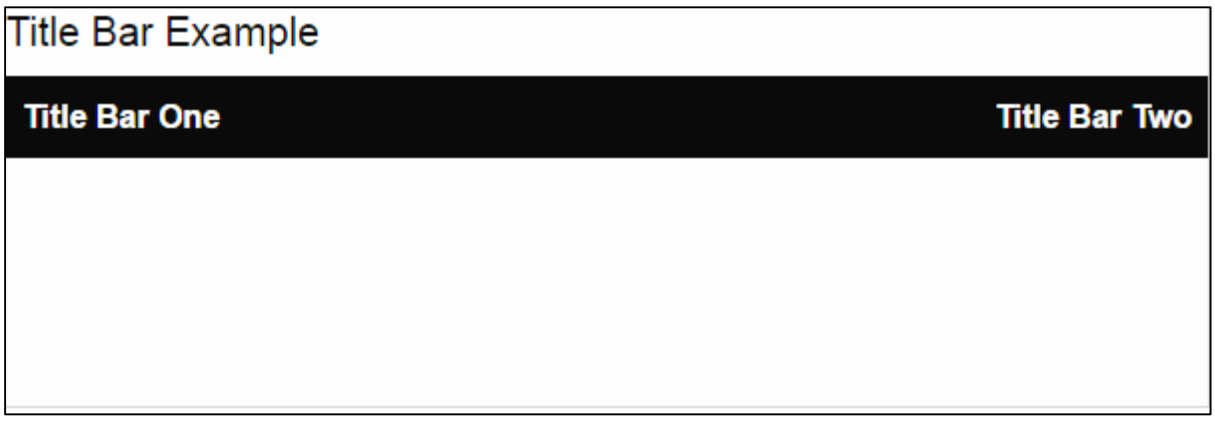
```
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Title Bar Example</h2>
<div class="title-bar">
  <div class="title-bar-left">
    <span class="title-bar-title">Title Bar One</span>
  </div>
  <div class="title-bar-right">
   <span class="title-bar-title">Title Bar Two</span>
  </div>
</div>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **title_bar.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



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Foundation – Tooltip

Description

Tooltip is a small pop-up box that describes the information when you hover the mouse on the link.

Example

The following example demonstrates the use of *tooltip* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Tooltip</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
<body>
<h2>Tooltip Example</h2>
<p>The   <span   data-tooltip   class="has-tip"   title="It   is   small   pop-up
box">Tooltips</span> are a quick way to provide extended information on a term or
action on a page. It is small pop-up box that describes the information when you
hover the mouse on the link.</p>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```


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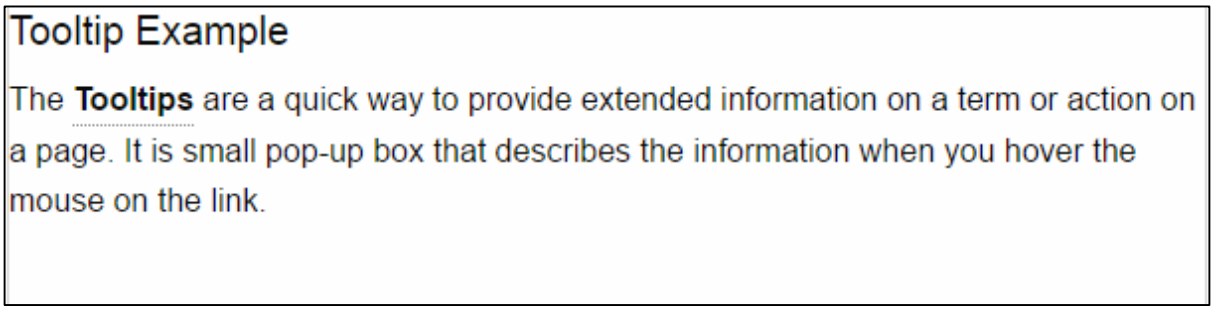
Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **tooltip.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Top Bar

Description

Top Bar is used to create navigation header in the website.

Example

The following example demonstrates the use of *top bar* in Foundation:

```
<!doctype html>
<head>
   <meta charset="utf-8" />
   <meta http-equiv="x-ua-compatible" content="ie=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
   <title>Top Bar</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
```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```
</head>
<body>
<h2>Top Bar Example</h2>
<div class="top-bar">
  <div class="top-bar-left">
    <ul class="dropdown menu" data-dropdown-menu>
      <li class="menu-text">Foundation</li>
      <li><a href="#">Home</a></li>
      <li><a href="#">About Us</a></li>
      <li class="has-submenu">
        <a href="#">Services</a>
        <ul class="submenu menu vertical" data-submenu>
          <li><a href="#">Service1</a></li>
          <li><a href="#">Service2</a></li>
          <li><a href="#">Service3</a></li>
        </ul>
      </li>
      <li><a href="#">Contact Us</a></li>
    </ul>
  </div>
  <div class="top-bar-right">
    <ul class="menu">
      <li><input type="search" placeholder="Search Here"></li>
      <li><button type="button" class="button">Search</button></li>
    </ul>
  </div>
</div>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```


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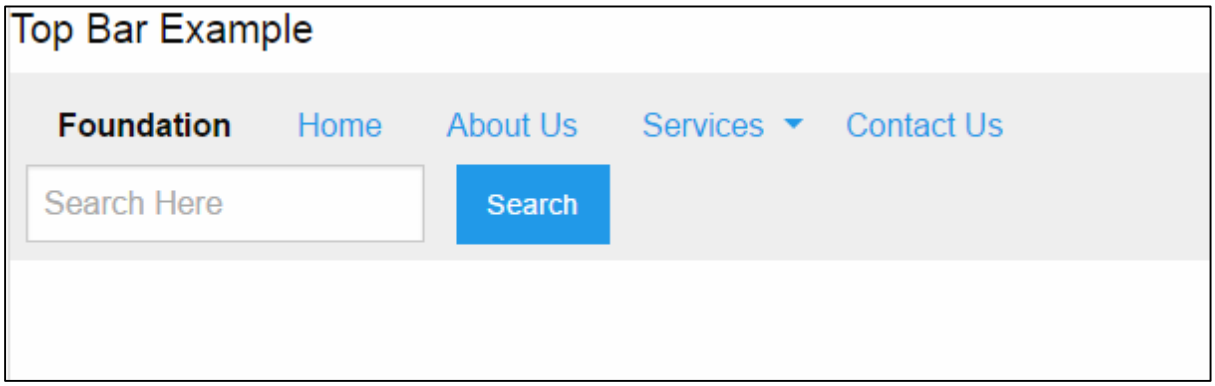
Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **top_bar.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.



Foundation – Orbit

Description

Orbit is an easy and powerful slider that swipes the elements using the *orbit* class.

Example

The following example demonstrates the use of *orbit* in Foundation:

```
<html>
<head>
<title>Orbit</title>
   <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/css/foundation.css">
   <link   rel="stylesheet"   href="https://cdnjs.cloudflare.com/ajax/libs/motion-
ui/1.1.1/motion-ui.css">
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/vendor/jquery.min.
js"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"
></script>
</head>
```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```
<body>
<h2 class="text-center">Orbit Example</h2>
<div class="orbit" role="region" data-orbit data-use-m-u-i="false">
  <ul class="orbit-container">
   <button class="orbit-previous" aria-label="previous"><span class="show-for-sr">Previous Slide</span>◂</button>
    <button class="orbit-next" aria-label="next"><span class="show-for-sr">Next Slide</span>▸</button>
    <li class="is-active orbit-slide">
      <div>
        <h3 class="text-center">This is your first slider</h3>
        <p class="text-center">Foundation is a family of responsive front-end frameworks that make it easy to design beautiful responsive websites, apps and emails that look amazing on any device. </p>
      </div>
    </li>
    <li class="orbit-slide">
      <div>
        <h3 class="text-center">This is your second slider</h3>
        <p class="text-center">Foundation is a family of responsive front-end frameworks that make it easy to design beautiful responsive websites, apps and emails that look amazing on any device. </p>
      </div>
    </li>
    <li class="orbit-slide">
      <div>
        <h3 class="text-center">This is your third slider</h3>
        <p class="text-center">Foundation is a family of responsive front-end frameworks that make it easy to design beautiful responsive websites, apps and emails that look amazing on any device. </p>
      </div>
    </li>
    <li class="orbit-slide">
      <div>
        <h3 class="text-center">This is your fourth slider</h3>
```


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```
        <p class="text-center">Foundation is a family of responsive front-end
frameworks that make it easy to design beautiful responsive websites, apps and
emails that look amazing on any device. </p>
      </div>
    </li>
  </ul>
  <nav class="orbit-bullets">
   <button class="is-active" data-slide="0"><span class="show-for-sr">First
slide</span><span class="show-for-sr">Current Slide</span></button>
   <button data-slide="1"><span class="show-for-sr">Second slide</span></button>
   <button data-slide="2"><span class="show-for-sr">Third slide</span></button>
   <button data-slide="3"><span class="show-for-sr">Fourth slide</span></button>
 </nav>
</div>
<script>
   $(document).ready(function() {
      $(document).foundation();
   })
</script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code in **orbit.html** file.
- Open this HTML file in a browser, an output is displayed as shown below.

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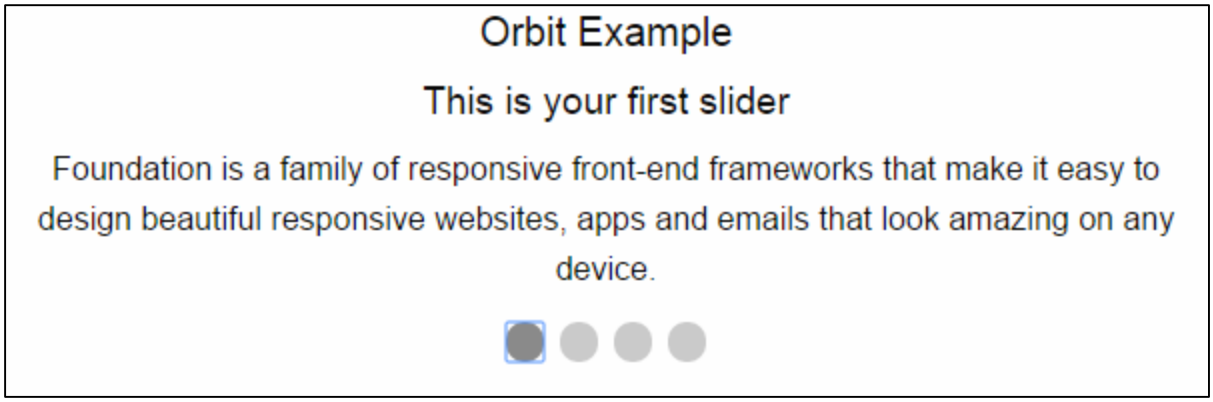

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