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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Zurb Foundation
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.
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 -

![Foundation Website Screenshot](image)

Click the **Download Foundation 6** button, you will be redirected to another page. Here you can see four buttons -
- **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-
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:

```html
<!DOCTYPE html>
<html>
    <head>
        <title>Foundation Template</title>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/foundation-sites@6.4.3/css/foundation.min.css">
        <script src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"></script>
    </head>
</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.

```html
<!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.

```html
<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.

```html
<script
   src="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.0.1/js/foundation.min.js"></script>
```
<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!
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.
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.sccs 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-cs 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-imgemin 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.
### Description

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

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Components &amp; Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>Accordion</strong>&lt;br&gt;Accordions contain vertical tabs, which are used on websites to expand and collapse large amount of data.</td>
</tr>
<tr>
<td>2</td>
<td><strong>Accordion Menu</strong>&lt;br&gt;It displays the collapsible menu with accordion effects.</td>
</tr>
<tr>
<td>3</td>
<td><strong>Badge</strong>&lt;br&gt;Badges are similar to labels, which are used to highlight the information such as important notes and messages.</td>
</tr>
<tr>
<td>4</td>
<td><strong>Breadcrumbs</strong>&lt;br&gt;It specifies the current location for a site within navigational hierarchy.</td>
</tr>
<tr>
<td>5</td>
<td><strong>Buttons</strong>&lt;br&gt;Foundation supports standard buttons with different styles.</td>
</tr>
<tr>
<td>6</td>
<td><strong>Callout</strong>&lt;br&gt;Callout is an element, which can be used to place the content inside.</td>
</tr>
<tr>
<td>7</td>
<td><strong>Close Button</strong>&lt;br&gt;It is used to dismiss the alert box.</td>
</tr>
<tr>
<td>8</td>
<td><strong>Drilldown Menu</strong>&lt;br&gt;Drilldown menu changes the nested lists into vertical drilldown menu.</td>
</tr>
<tr>
<td></td>
<td><strong>Dropdown Menu</strong></td>
</tr>
<tr>
<td>---</td>
<td>-------------------</td>
</tr>
<tr>
<td>9</td>
<td>Dropdown menu is used for displaying links in a list format.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Dropdown Pane</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Dropdown pane displays the content when you click the button.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Flex Video</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>It is used to create video objects in the web pages.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Float Classes</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>It is used to add utility classes to HTML elements.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Forms</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>It is used to create form layout to collect user input.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Label</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Labels are inline styles, which define a label for an input element.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Media Object</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Menu</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>It provides access to different modes in the website.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Pagination</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>It is a type of navigation that divides the content into a series of related pages.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Slider</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>It specifies the range of values by dragging a handle.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Switch</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>It is used to switch between on and off state.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Table</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>21</strong></td>
<td><strong>Tabs</strong>&lt;br&gt;It is a navigation based tab that displays the content into different panes without leaving the page.</td>
</tr>
<tr>
<td><strong>22</strong></td>
<td><strong>Thumbnail</strong>&lt;br&gt;It styles the images in thumbnail shape.</td>
</tr>
<tr>
<td><strong>23</strong></td>
<td><strong>Title Bar</strong>&lt;br&gt;It is used to display the current screen used by the user with other menu items.</td>
</tr>
<tr>
<td><strong>24</strong></td>
<td><strong>Tooltip</strong>&lt;br&gt;It is small pop-up box that describes the information when you hover the mouse on the link.</td>
</tr>
<tr>
<td><strong>25</strong></td>
<td><strong>Top Bar</strong>&lt;br&gt;It is used to create navigation header in the website.</td>
</tr>
<tr>
<td><strong>26</strong></td>
<td><strong>Orbit</strong>&lt;br&gt;It is an easy and powerful slider that swipes the elements using the <em>orbit</em> class.</td>
</tr>
</tbody>
</table>

**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:

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

<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">
    </div>
  </li>
</ul>
</body>
HTML is a markup language for describing web documents.

```html
<div>
  </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.

**Accordion Example**

<table>
<thead>
<tr>
<th>Foundation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The most advanced responsive front-end framework.</td>
<td></td>
</tr>
</tbody>
</table>

| Bootstrap          | + |

**Foundation – Accordion Menu**

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

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

```html
<!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/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="#" class="is-active">Two Wheeler</a>
    <ul class="menu vertical nested">
      <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">
    </ul>
  </li>
</ul>
</body>
```
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.

Accordion Menu Example

- Two Wheeler
  - Honda
  - TVS
  - Bajaj
- Four Wheeler
- Heavy Weight Vehicle
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:

```html
<!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=""><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:
- 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:

```html
<!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>
```
<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>

Output

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

- Save the above given html code in <code>breadcrumbs.html</code> 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 <code>button</code> classes with <code>button</code> element.
Example
The following example demonstrates the use of buttons in Foundation:

```html
<!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>

  <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>
```
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:

```html
<!doctype html>
<head>
  <meta charset="utf-8" />
  <meta http-equiv="x-ua-comaptible" content="ie=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0 />
</head>
```
<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>
  <a href="#">Foundation is a responsive front-end framework.</a>
</div>
</body>
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.

### Callout Example

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

#### callout.

*Foundation is a responsive front-end framework.*

#### secondary callout

*Foundation is a responsive front-end framework.*

#### success callout

*Foundation is a responsive front-end framework.*

#### warning callout

*Foundation is a responsive front-end framework.*

#### alert callout

*Foundation is a responsive front-end framework.*
**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:

```html
<!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**
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.

### Close Button Example

<table>
<thead>
<tr>
<th>Example of static close button.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
</tr>
</tbody>
</table>

### 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:

```html
<!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>
</head>
```

---

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<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="#">Renault</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>
</li>
</ul>
<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>

<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.

Drilldown Menu Example

- Cars
- Sports
- Country
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:

```html
<!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>
                </ul>
            </li>
            <li><a href="#">XUV</a></li>
        </ul>
    </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 `dropdown_menu.html` file.
- Open this HTML file in a browser, an output is displayed as shown below.
Dropdown Menu Example

Cars ▼  Sports ▼  Country

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:

```html
<!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>
```
<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 dropdownPane.html file.
- Open this HTML file in a browser, an output is displayed as shown below.

**Dropdown Pane Example**

![Dropdown Pane](image)

**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:
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.
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:

```html
<!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">
</head>
```
<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.

<table>
<thead>
<tr>
<th>Float Classes Example</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Left</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Right</td>
</tr>
</tbody>
</table>

Foundation – Forms

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

The following example demonstrates the use of forms in Foundation:

```html
<!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>
    </label>
</form>
```
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.
Forms Example

Input Label

enter your text

This is help text.

This is text area

Select Menu

India

Your Favorite Fruit? Choose your car?

- Apple  - Grapes

- Scorpio  - XUV  - Xylo

Amnt  Submit

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:

```html
<!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">
```
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.
Example
The following example demonstrates the use of media object in Foundation:

```html
<!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>
```
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.

Media Object Example

Media Object

Media objects are super useful components for displaying an item, usually an image, alongside some content, usually text.

Foundation – Menu

Description
The Menu provides access to different modes in the website.

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

```html
<!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>
</head>
```
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.

### Menu Example

- Home
- About Us
- Services
- Contact Us

---

### 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:
<!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.
Pagination Example

Previous   Next

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:

```html
<!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>
</div>
```
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.

Slider Example

![Slider Example](image)
Foundation – Switch

Description
It is used to switch between on and off state.

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

```html
<!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>
```
<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>

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.

Switch Example

Foundation – Table

Description
The Table represents the data in rows and columns format.

Example
The following example demonstrates the use of table 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>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>  
</tbody>  
</table>  
</body>
<tr>
    <td>West Indies</td>
    <td>Brian Lara</td>
    <td>Batsman</td>
</tr>
</tbody>
</table>

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.

**Table Example**

<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>

**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:
<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>
  </div>
</div>
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.

**Tabs Example**

<table>
<thead>
<tr>
<th>Player 1</th>
<th>Player 2</th>
<th>Player 3</th>
<th>Player 4</th>
<th>Player 5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Player</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sachin Tendulkar</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Foundation – Thumbnail

Description
Thumbnail styles the images in a thumbnail shape.

Example
The following example demonstrates the use of `thumbnail` in Foundation:

```html
<!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">
  </div>
</div>
</body>
```
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.

**Thumbnail Example**

| ![Image 1] | ![Image 2] | ![Image 3] |

---

**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:

```html
<!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">
```
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.

<table>
<thead>
<tr>
<th>Title Bar Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title Bar One</td>
</tr>
</tbody>
</table>


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:

```html
<!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>
```
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.

### Tooltip Example

The **Tooltips** 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.

---

**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:

```html
<!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>
</head>
```

```html
</html>
```
<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>
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.

![Top Bar Example](image)

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
<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>
```
<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">Prev</button>
    <button class="orbit-next" aria-label="next">Next</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>
        <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>
</div>
</body>
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.

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.
Orbit Example

This is your first slider

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.
End of ebook preview
If you liked what you saw...
Buy it from our store @ https://store.tutorialspoint.com