

Creating a Single Page, Scrolling Bootstrap Site

Create the site folder, home page and folders in Google Drive

- Create a new site folder (name it anything you'd like)
- Create an index.html file within the folder
- Create css and js folders within the site folder
- Remember to make the folders public on the web (if you haven't already)

Open index.html add the following lines

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Site Title</title>
```

Next add the bootstrap reference

Visit the following link for the bootstrap CDN: <http://tiny.cc/bootstrap-info>

```
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">

<!-- custom css -->
<link href="css/style.css" rel="stylesheet">
</head>
```

Add the body content with scrollspy

Create ‘body’ with an id of ‘top-page’ set data-spy to ‘scroll’ and set data-target to ‘.navbar-fixed-top’

the data-spy and data-target are part of the built-in Bootstrap **scrollspy** function

Type the following for your opening 'body' tag: <body id="top-page" data-

`spy="scroll" data-target=".navbar-fixed-top">`

Using ‘top-page’ as an ID will take us back to the top of the page

FYI - Scrollspy (w3schools)

- Add data-spy="scroll" to the element that should be used as the scrollable area (often this is the <body> element).
- Then add the data-target attribute with a value of the id or the class name of the navigation bar (.navbar). This is to make sure that the navbar is connected with the scrollable area.
- Note that scrollable elements must match the ID of the links inside the navbar's list items (<div id="section1"> matches).
- The optional data-offset attribute specifies the number of pixels to offset from top when calculating the position of scroll. This is useful when you feel that the links inside the navbar changes the active state too soon or too early when jumping to the scrollable elements. Default is 10 pixels.

Add navigation

```
<nav class="navbar navbar-default navbar-fixed-top" role="navigation">  
  <div class="container">  
    <div class="navbar-header page-scroll">  
      <a class="navbar-brand page-scroll" href="#top-page">My  
Webpage</a>  
    </div>  
  <div class="collapse navbar-collapse navbar-ex1-collapse">
```

Add links to navigation

```
<ul class="nav navbar-nav">
  <!-- Hidden li included to remove active class from about link when scrolled up past about section -->
  <li class="hidden">
    <a class="page-scroll" href="#top-page"></a>
  </li>
  <li>
    <a class="page-scroll" href="#about">About</a>
  </li>
  <li>
    <a class="page-scroll" href="#portfolio">Portfolio</a>
  </li>
  <li>
    <a class="page-scroll" href="#contact">Contact</a>
  </li>
</ul>
```

Close the two divs and the nav

```
</div>
</div>
</nav>
```

Add the sections! First up - Intro

```
<!-- Intro Section -->
<section id="intro" class="intro-section">
  <div class="container">
```

```
<div class="row">
  <div class="col-lg-12">
    <h1>My Webpage</h1>
    <a class="btn btn-default page-scroll" href="#about">About Me</a>
  </div>
</div>
</div>
</section>
```

About me section

```
<!-- About Section -->
<section id="about" class="about-section">
  <div class="container">
    <div class="row">
      <div class="col-lg-12">
        <h1>About Section</h1>
```

FYI - About the grid

<http://getbootstrap.com/examples/grid/>

http://www.w3schools.com/bootstrap/bootstrap_grid_system.asp

Using the grid to create a nested section with two side by side divs

```
<div class="container">
  <div class="row">
    <div class="col-sm-6" style="background-color:lavender;">
      <p>test.</p>
    </div>
    <div class="col-sm-6" style="background-color:lavenderblush;">
      <p>test</p>
    </div>
  </div>
</div>
```

Close the about section

```
</div>
</div>
</div>
</section>
```

Repeat section setup from previous slides for remaining sections

Add references to jQuery, bootstrap JS, jQuery easing and jQuery scrolling files

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js">
</script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>

<!-- I will share these with you-->
<script src="js/jquery.easing.min.js"></script>
<script src="js/scrolling-nav.js"></script>
```

Update style.css

```
body {
    width: 100%;
    height: 100%;
}
```

Set each of your sections to the following

```
height: 500px;
padding-top: 150px;
text-align: center;
/*at this line, you can add an image or a background color */
}
```

We'll add more functionality
on Saturday