

Lab Manual Week 8
Web Programming

BOOTSTRAP



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Instructions

This lab manual is for used by students at the School of Informatics and Applied Mathematics, Universiti Malaysia Terengganu (UMT) only. Not allowed to print and distribute this manual without official permission of the author.

Please follow the step by step as described in the manual. Tick (√) each step has been created and write the conclusion of each activity has been completed.

Conclusion or result of each activity must be written in a file named according to the following format:
[nomatrik] _ [LabX]. docx. Replace the 'X' with your lab session. Examples of correct file name is 'UK12345_Lab1.docx'.

Please prepare the assignments with your individual effort without any 'copy-paste' from other parties.

Best of luck!

Lab 8 BOOTSTRAP

Objectives:

1. You are able build responsive designs with Bootstrap
2. You understand how the HTML, CSS and JavaScript components of Bootstrap work

What is Bootstrap?

- Bootstrap is a free front-end framework for faster and easier web development
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
- Bootstrap also gives you the ability to easily create responsive designs

What is Responsive Web Design?

- Responsive web design is about creating web sites which automatically adjust themselves to look good on all devices, from small phones to large desktops.

Advantages of Bootstrap:

- Easy to use: Anybody with just basic knowledge of HTML and CSS can start using Bootstrap
- Responsive features: Bootstrap's responsive CSS adjusts to phones, tablets, and desktops
- Mobile-first approach: In Bootstrap 3, mobile-first styles are part of the core framework
- Browser compatibility: Bootstrap is compatible with all modern browsers (Chrome, Firefox, Internet Explorer, Edge, Safari, and Opera)

So, why choose Bootstrap?

- Quickly design and customize responsive mobile-first sites with Bootstrap, the world's most popular front-end open source toolkit, featuring Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful JavaScript plugins.

Where to Get Bootstrap?

There are two ways to start using Bootstrap on your own web site.

You can either:

- Download Bootstrap from getbootstrap.com, or
- Include Bootstrap from a CDN

Downloading Bootstrap

If you want to download and host Bootstrap yourself, go to www.getbootstrap.com, and follow the instructions there.

Bootstrap CDN

If you don't want to download and host Bootstrap yourself, you can include it from a CDN (Content Delivery Network).

MaxCDN provides CDN support for Bootstrap's CSS and JavaScript. You just call them inside the <head> tag

```
<!-- Latest compiled and minified CSS -->
```

```
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
```

```
<!-- jQuery library -->
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
```

```
<!-- Latest compiled JavaScript -->
```

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
```

TASK 1

• Activity 1 Create First Web Page with Bootstrap

1. Add the HTML5 doctype

Bootstrap uses HTML elements and CSS properties that require the HTML5 doctype.

Always include the HTML5 doctype at the beginning of the page, along with the lang attribute and the correct character set:

```

1  <!DOCTYPE html>
2  <html lang="en">
3  |   <head>
4  |     <meta charset="utf-8">
5  |   </head>
6  </html>

```

2. Bootstrap 4 is mobile-first

Bootstrap 4 is designed to be responsive to mobile devices. Mobile-first styles are part of the core framework. To ensure proper rendering and touch zooming, add the following <meta> tag inside the <head> element:

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

The width=device-width part sets the width of the page to follow the screen-width of the device (which will vary depending on the device).

The initial-scale=1 part sets the initial zoom level when the page is first loaded by the browser.

3. Add link to CDN files

If you do not want to download and host Bootstrap 4 yourself, you can include it from a CDN (Content Delivery Network).

MaxCDN provides CDN support for Bootstrap's CSS and JavaScript. You must also include jQuery: (put them inside tag <head>

```

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

```

4. Example of your First bootstrap page

The following example shows the code for a basic Bootstrap 4 page (with a responsive fixed width container). Put together all main components in number 1,2,3 above into one webpage :

```

1  <!DOCTYPE html>
2  <html lang="en">
3  |   <head>
4  |     <title>Terengganu Attractions </title>
5  |     <meta charset="utf-8">
6  |     <meta name="viewport" content="width=device-width, initial-scale=1">
7  |     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
8  |     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
9  |     <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
10 |     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
11 |   </head>
12 |   <body>
13 |
14 |     <div class="jumbotron text-center">
15 |       <h1>Terengganu Attractions </h1>
16 |       <p>Using bootstrap. Resize this responsive page to see the effect!</p>
17 |     </div>
18 |     <div class="container">
19 |       <div class="row">
20 |         <div class="col-sm-4">
21 |           <h3>Redang island</h3>
22 |           <p>Besides its undeniably breathtaking view and being the largest island in the east coast Marine Park area,
23 |             Redang is reachable from the mainland (Kuala Terengganu Airport) within approximately 70 minutes
24 |             total journey time (30 minutes cab ride to Merang Jetty, 40 minutes boat ride to Redang Island) . </p>
25 |           <p>If time is a constrain, Redang will be the most convenient island to reach with minimal travel time relative
26 |             to the neighboring Perhentian Island which will take around 105 minutes. ....</p>
27 |         </div>
28 |
29 |         <div class="col-sm-4">
30 |           <h3>The Snorkeling Trip</h3>
31 |           <p>The daily snorkeling trips is scheduled at 10 am, right after breakfast. The Snorkeling Trip or island excursion
32 |             is included in the package (snorkeling gear provided) covered 3 island i.e. Lima Island, Paku Island and Ekor Tebu Island. </p>
33 |           <p>It's a private trip using small speed boat with maximum 10 guest per boat hence everyone on-board will have plenty of
34 |             space for themselves to enjoy the scenic underwater naturescape, home to vibrant and colorful sea creatures. ....</p>
35 |         </div>
36 |         <div class="col-sm-4">
37 |           <h3>Nature Discovery Trip</h3>
38 |           <p>The Nature Discovery Trip is an extended nature tour conducted by Turtle Conservation Society of Malaysia (TCS).
39 |             It is designed to provide participants a more in-depth experience with nature. The 2D1N programme includes
40 |             the one-day Turtle & Fireflies Discovery Trip plus a beach cleanup and trash analysis activity the next morning. </p>
41 |           <p>Children will be enrolled in our "Junior Scientist" programme in which they are taught the basics of data collection
42 |             and recording.</p>
43 |         </div>
44 |       </div>
45 |     </div>
46 |
47 |   </body>
48 | </html>

```

Text in 1st column :

<p>Besides its undeniably breathtaking view and being the largest island in the east coast Marine Park area, Redang is reachable from the mainland (Kuala Terengganu Airport) within approximately 70 minutes total journey time (30 minutes cab ride to Merang Jetty, 40 minutes boat ride to Redang Island) . </p>

<p>If time is a constrain, Redang will be the most convenient island to reach with minimal travel time relative to the neighboring Perhentian Island which will take around 105 minutes.</p>

Text in 2nd column :

<p>The daily snorkeling trips is scheduled at 10 am, right after breakfast. The Snorkeling Trip or island excursion is included in the package (snorkeling gear provided) covered 3 island i.e. Lima Island, Paku Island and Ekor Tebu Island. </p>

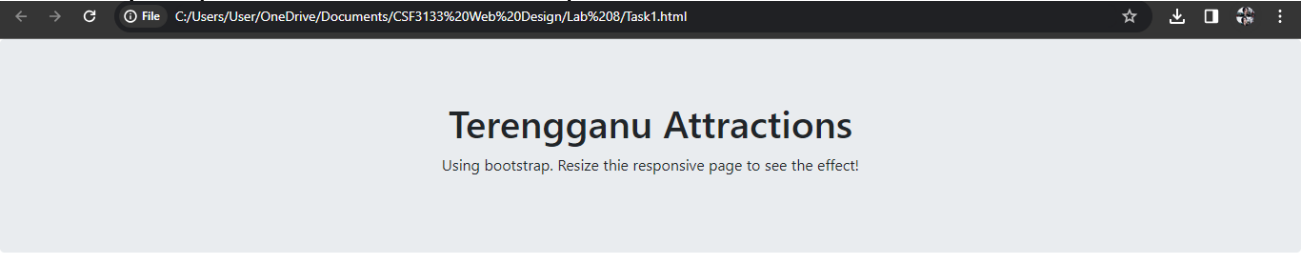
<p>It's a private trip using small speed boat with maximum 10 guest per boat hence everyone on-board will have plenty of space for themselves to enjoy the scenic underwater naturescape, home to vibrant and colorful sea creatures.</p>

Text in 3rd column :

```
<p>The Nature Discovery Trip is an extended nature tour conducted by Turtle Conservation Society of Malaysia (TCS). It is designed to provide participants a more in-depth experience with nature. The 2D1N programme includes the one-day Turtle & Fireflies Discovery Trip plus a beach cleanup and trash analysis activity the next morning. </p>
<p> Children will be enrolled in our "Junior Scientist" programme in which they are taught the basics of data collection and recording.</p>
```

Conclusion and Result:

This is my output for this task1 bootstrap.



From code using bootstrap above, I understand that function of bootstrap is an open source web development for framework. Bootstrap help to build website faster and easier because bootstrap have html, css and js scripts. We only need to called the command and link to the bootstrap using “link href”.

Activity 2
Responsive Image

Images come in all sizes. So do screens. Responsive images automatically adjust to fit the size of the screen.

Create responsive images by adding an .img-fluid class to the tag. The image will then scale nicely to the parent element.

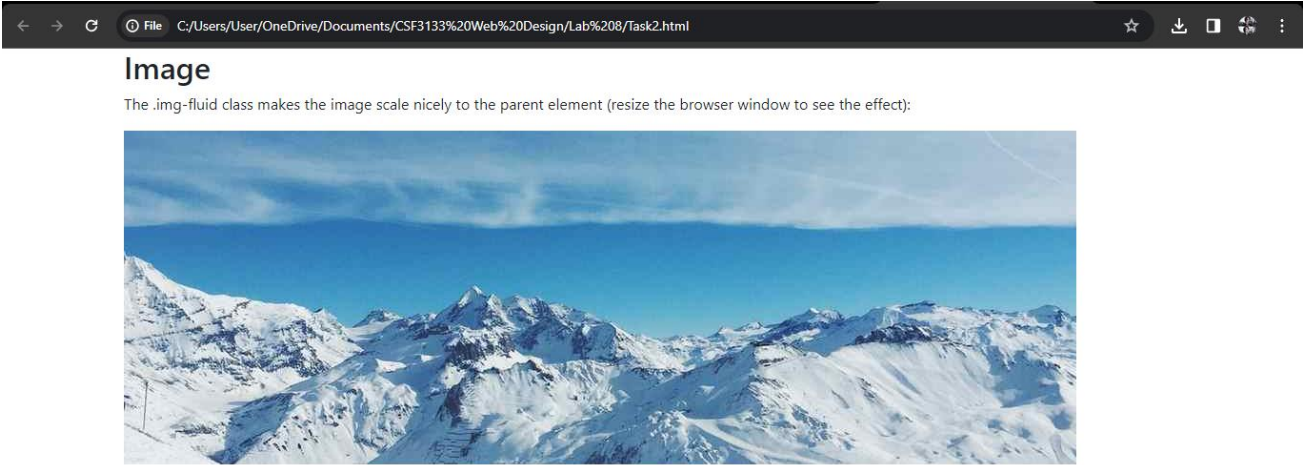
The .img-fluid class applies max-width: 100%; and height: auto; to the image

Try these codes:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 | <title>Bootstrap Example</title>
5 | <meta charset="utf-8">
6 | <meta name="viewport" content="width=device-width, initial-scale=1">
7 | <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
8 | <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
9 | <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
10 | <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
11 </head>
12 <body>
13
14 <div class="container">
15 | <h2>Image</h2>
16 | <p>The .img-fluid class makes the image scale nicely to the parent element (resize the browser window to see the effect):</p>
17 | 
18 </div>
19
20 </body>
21 </html>
```

Try to resize the window of your browser.

Conclusion and Result:



From the coding above, this is the output if I using bootstrap. I can conclude that using bootstrap more easier since I don't need to create the style specific to image.

• Activity 3

Bootstrap Text/Typography

Bootstrap uses a default font-size of 16px, and its line-height is 1.5.
The default font-family is "Helvetica Neue", Helvetica, Arial, sans-serif.

In addition, all <p> elements have margin-top: 0 and margin-bottom: 1rem (16px by default).
<h1> - <h6>
Bootstrap styles HTML headings (<h1> to <h6>) with a bolder font-weight and an increased font-size.

```
<div class="container">
  <h1>h1 Bootstrap heading (2.5rem = 40px)</h1>
  <h2>h2 Bootstrap heading (2rem = 32px)</h2>
  <h3>h3 Bootstrap heading (1.75rem = 28px)</h3>
  <h4>h4 Bootstrap heading (1.5rem = 24px)</h4>
  <h5>h5 Bootstrap heading (1.25rem = 20px)</h5>
  <h6>h6 Bootstrap heading (1rem = 16px)</h6>
</div>
```

Display Headings

Display headings are used to stand out more than normal headings (larger font-size and lighter font-weight), and there are four classes to choose from: .display-1, .display-2, .display-3, .display-4

```
<div class="container">
  <h1>Display Headings</h1>
  <p>Display headings are used to stand out more than normal headings
  (larger font-size and lighter font-weight):</p>
  <h1 class="display-1">Display 1</h1>
  <h1 class="display-2">Display 2</h1>
  <h1 class="display-3">Display 3</h1>
  <h1 class="display-4">Display 4</h1>
</div>
```

<blockquote>

Add the .blockquote class to a <blockquote> when quoting blocks of content from another source:

```
<div class="container">
  <h1>Blockquotes</h1>
  <p>The blockquote element is used to present content from another source:</p>
  <blockquote class="blockquote">
    <p>"Winning doesn't always mean being first. Winning means you're doing better than you've done before." </p>
    <footer class="blockquote-footer">Bonnie Blair - Speed Skater</footer>
  </blockquote>
</div>
```

Text of quote : "Winning doesn't always mean being first. Winning means you're doing better than you've done before."

DEFINITION LIST <dl>

The dl element indicates a description list.
Bootstrap will style the HTML <dl> element in the following way:

Example:

- Coffee**
- black hot drink
- Milk**
- white cold drink

Html code :

```
<div class="container">
  <h1>Description Lists</h1>
  <p>The dl element indicates a description list:</p>
  <dl>
    <dt>Coffee</dt>
    <dd>- black hot drink</dd>
    <dt>Milk</dt>
    <dd>- white cold drink</dd>
  </dl>
</div>
```

Try to put all previous codes in one page, and then open it on your browser.

Conclusion and Result:

File C:/Users/User/OneDrive/Documents/CSF3133%20Web%20Design/Lab%208/Task3.html

h1 Bootstrap heading (2.5rem = 40px)

h2 Bootstrap heading (2rem = 32px)

h3 Bootstrap heading (1.75rem = 28px)

h4 Bootstrap heading (1.5rem = 24px)

h5 Bootstrap heading (1.25rem = 20px)

h6 Bootstrap heading (1rem = 16px)

Display Headings

Display headings are used to stand out more than normal headings (large font-size and lighter font-weight):

Display 1

Display 2

Display 3

Display 4

Blockquotes

The blockquote element is used to present content from another source :

"Winning doesn't always mean being first. Winning means you're doing better than you've done before."

— Bonnie Blair - Speed Skater

Description Lists

The dl element indicates a description list :

Coffee
- black hot drink

Milk
- white cold drink

• Activity 4
Bootstrap CSS Forms

Individual form controls automatically receive some global styling with Bootstrap.

All textual <input>, <textarea>, and <select> elements with class="form-control" are set to width: 100%; by default.

Standard rules for all three form layouts:

- Wrap labels and form controls in <div class="form-group"> (needed for optimum spacing)
- Add class .form-control to all textual <input>, <textarea>, and <select> elements

The following example creates a simple Bootstrap form with two input fields, one checkbox, and a submit button:

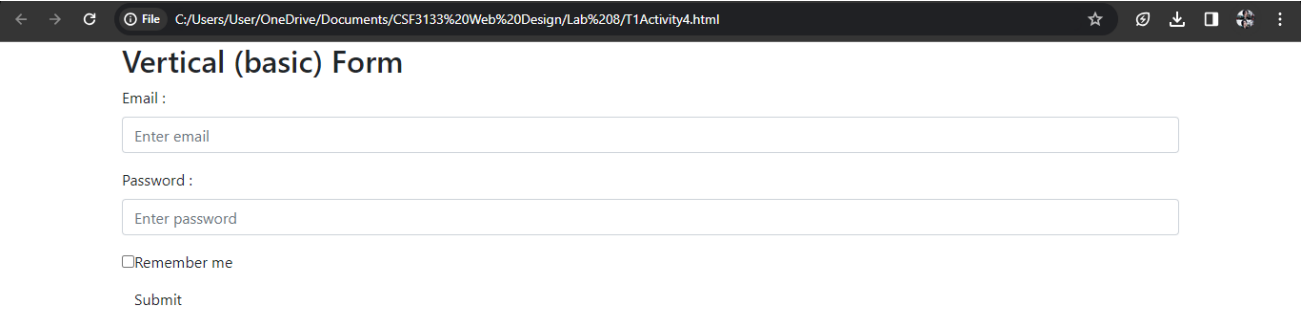
```

<div class="container">
  <h2>Vertical (basic) Form</h2>
  <form>
    <div class="form-group">
      <label for="email">Email:</label>
      <input type="email" class="form-control" id="email" placeholder="Enter email">
    </div>
    <div class="form-group">
      <label for="pwd">Password:</label>
      <input type="password" class="form-control" id="pwd" placeholder="Enter password">
    </div>
    <div class="checkbox">
      <label><input type="checkbox"> Remember me</label>
    </div>
    <button type="submit" class="btn btn-default">Submit</button>
  </form>
</div>

```

Try to put the codes in a webpage using bootstrap, and then open it on your browser.

Conclusion and Result:



This is my output for this activity. From this activity I understand that using bootstrap also we can create the webpage login that ask user to enter their email and password.

TASK 2

Using Bootstrap theme

What is a Bootstrap theme? A Bootstrap theme is a package containing CSS, HTML, and JavaScript code used for styling. Bootstrap themes also feature various UI components and page layouts that can be employed to create websites.

• Activity 5

Using theme “Simply Me”

This activity will show you how to build a Bootstrap theme from scratch. We will start with a simple HTML page, and then add more and more components, until we have a fully functional, personal and responsive website.

You are free to modify, save, share, use or do whatever you want with it.

Step 1. HTML Start Page

We will start with the following HTML page:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Theme Simply Me</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<body>

  <h3>Who Am I?</h3>
  
  <h3>I'm an adventurer</h3>

</body>
</html>

```

Step 2. Add Bootstrap CDN and a link to jQuery and put HTML elements inside a container:

```

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

```

inside <head>:

```

<head>
  <title>Bootstrap Theme Simply Me</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>

```

```
<div class="container-fluid">
  <h3>Who Am I?</h3>
  
  <h3>I'm an adventurer</h3>
</div>
```

Step 3. Add Background Color and Center Text

1. Add a custom class (.bg-1) to the container to add a background color.
2. Add the .text-center class to center the text inside the container:

```
<head>
<style>
  .bg-1 {
    background-color: #1abc9c; /* Green */
    color: #ffffff;
  }
</style>
</head>

<body>
  <div class="container-fluid bg-1 text-center">
    <h3>Who Am I?</h3>
    
    <h3>I'm an adventurer</h3>
  </div>
</body>
```

Step 4. Circle Image

Shape the image to a circle with the .img-circle class:

```

```

Result:



Step 4. More Content

Add more content and put it inside new containers:

```
<head>
<style>
  .bg-1 {
    background-color: #1abc9c; /* Green */
    color: #ffffff;
  }
  .bg-2 {
    background-color: #474e5d; /* Dark Blue */
    color: #ffffff;
  }
  .bg-3 {
    background-color: #ffffff; /* White */
    color: #555555;
  }
</style>
</head>

<body>

  <div class="container-fluid bg-1 text-center">
    <h3>Who Am I ?</h3>
    
    <h3>I'm an adventurer</h3>
  </div>

  <div class="container-fluid bg-2 text-center">
    <h3>What Am I?</h3>
    <p>copy text : Lorem ipsum.....</p>
  </div>

  <div class="container-fluid bg-3 text-center">
    <h3>Where To Find Me?</h3>
    <p>copy text : Lorem ipsum.....</p>
  </div>
</body>
```

Step 5. Add Padding

Lets make the containers look good by adding some padding


```

<style>
.container-fluid {
  padding-top: 70px;
  padding-bottom: 70px;
}
</style>

```

Step 6. Add a Button

Add a button to the mid container:

```

<div class="container-fluid bg-2 text-center">
  <h3>What Am I?</h3>
  <p>Lorem ipsum..</p>
  <a href="#" class="btn btn-default btn-lg">Search</a>
</div>

```

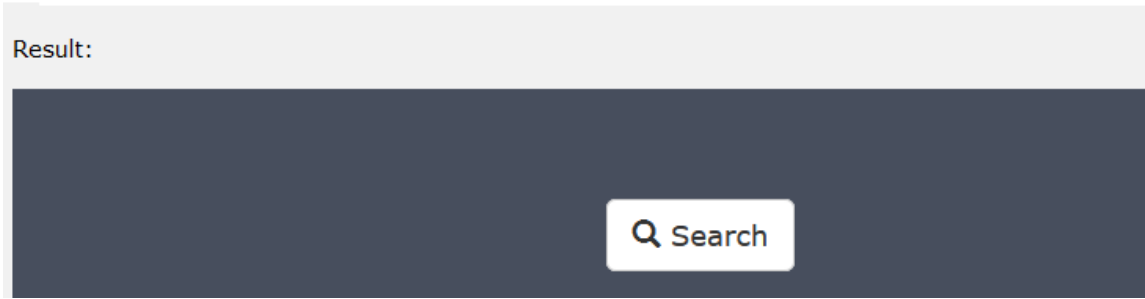
Step 7. Add an Icon

Add a Search icon on the "Search" button

```

<a href="#" class="btn btn-default btn-lg">
  <span class="glyphicon glyphicon-search"></span> Search
</a>

```



Step 8. Modify The Third Container (Add Grid)

Add three columns of equal width inside the third container (.col-sm-4):

```

<div class="container-fluid bg-3 text-center">
  <h3>Where To Find Me? </h3>
  <div class="row">
    <div class="col-sm-4">
      <p>copy text : Lorem ipsum. .... </p>
      
    </div>
    <div class="col-sm-4">
      <p>copy text : Lorem ipsum. .... </p>
      
    </div>
    <div class="col-sm-4">
      <p>copy text : Lorem ipsum. .... </p>
      
    </div>
  </div>
</div>

```

Step 9. Make The Images Responsive

Add the .img-responsive class to all images.

Add display:inline to the first image to force it to be centered (the .img-responsive class adds display:block to the image, which makes it jump to the left of the screen).

If you want the image to span the entire width of the screen when it starts to stack, add width:100% to the image.

When opening the example, remember to resize the screen to see the responsive effect:

```

<!-- The circular bird -->


<!-- The birds in our grid: -->




```

Step 10. Add a Navbar

Add a standard navigation bar at the top of the page with and make it collapsible on smaller screens:

```

<nav class="navbar navbar-default">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="#">Me</a>
    </div>
    <div class="collapse navbar-collapse" id="myNavbar">
      <ul class="nav navbar-nav navbar-right">
        <li><a href="#">WHO</a></li>
        <li><a href="#">WHAT</a></li>
        <li><a href="#">WHERE</a></li>
      </ul>
    </div>
  </div>
</nav>

```

Result:

Me

WHOWHATWHERE

Step 10. Style the Navbar

Use CSS to customize the navigation bar:

```
.navbar {
  padding-top: 15px;
  padding-bottom: 15px;
  border: 0;
  border-radius: 0;
  margin-bottom: 0;
  font-size: 12px;
  letter-spacing: 5px;
}

.navbar-nav li a:hover {
  color: #1abc9c !important;
}
```

Step 11. Add a Footer

Add a footer and use CSS to style it

```
<style>
  .bg-4 {
    background-color: #2f2f2f;
    color: #ffffff;
  }
</style>
<footer class="container-fluid bg-4 text-center">
  <p>Bootstrap Theme “Simply Me” </p>
</footer>
```

Step 12. Final Touch

Personalize your Theme by adding a font that you like. We have used "Montserrat" from Google's Font Library.

Link to the font in the <head> section:

```
<link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet">
```

Then you can use it in the page:

```
body {
  font: 20px "Montserrat", sans-serif;
  line-height: 1.8;
  color: #f5f6f7;
}

p {font-size: 16px;}
```

Text: (you do not need to use all these texts)

The standard Lorem Ipsum passage, used since the 1500s

"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum."

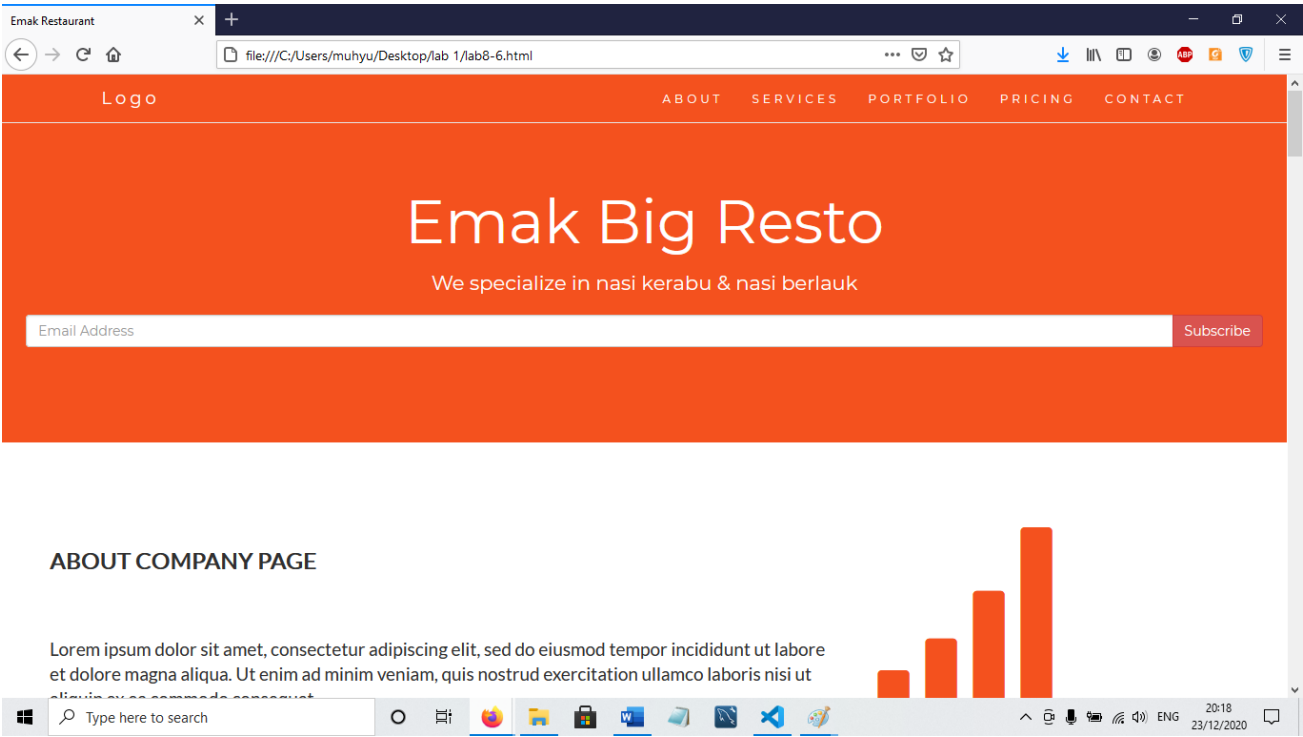
Section 1.10.32 of "de Finibus Bonorum et Malorum", written by Cicero in 45 BC

"Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur?"

• Activity 6
Using theme “My Company”

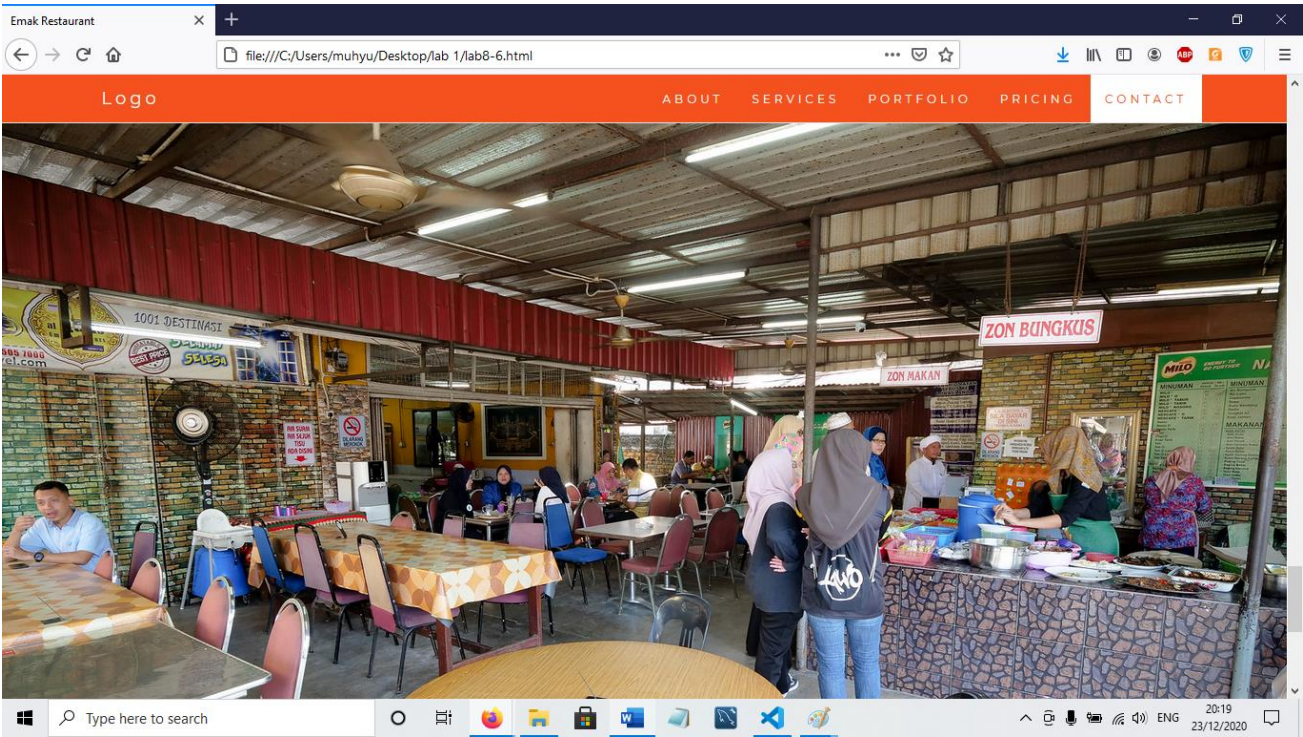
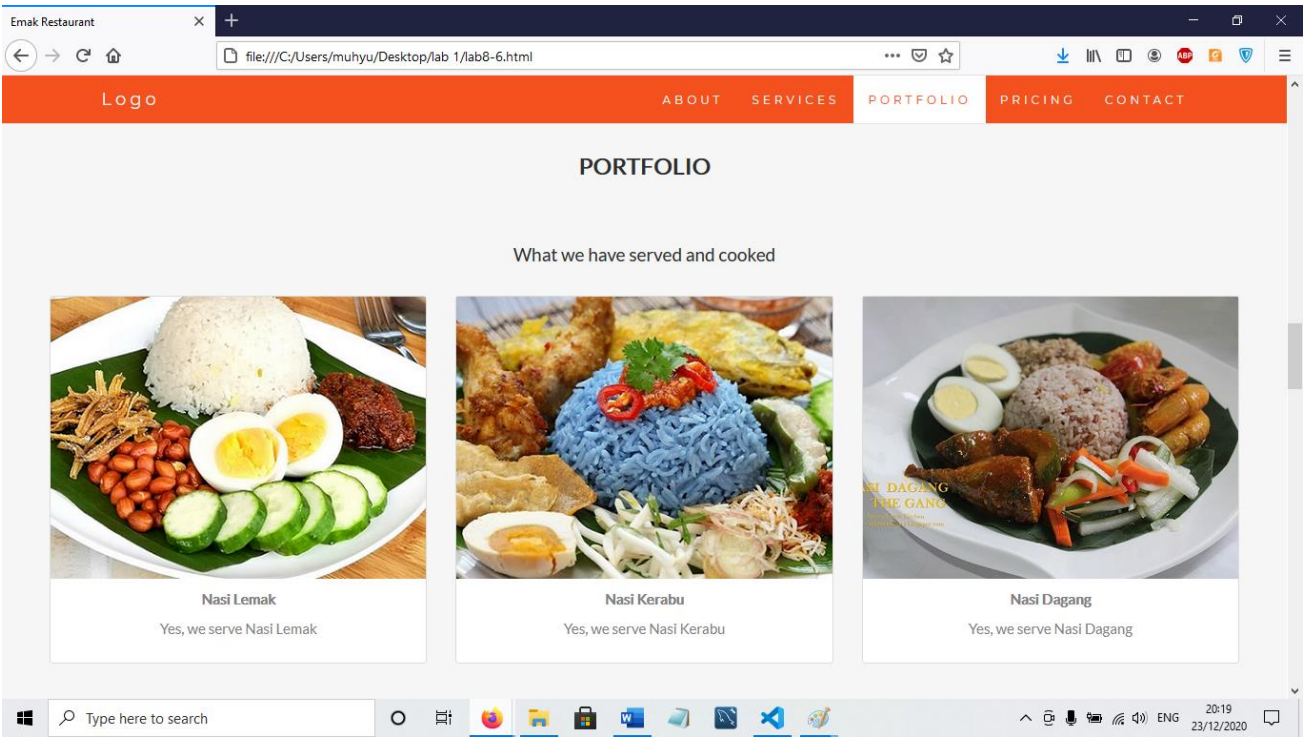
This activity will show you how to build a Bootstrap theme from scratch. We will start with a simple HTML page, and then add more and more components, until we have a fully functional, personal and responsive website.

You are free to modify, save, share, use or do whatever you want with it.



ABOUT COMPANY PAGE

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Text: (you do not need to use all these texts)
The standard Lorem Ipsum passage, used since the 1500s

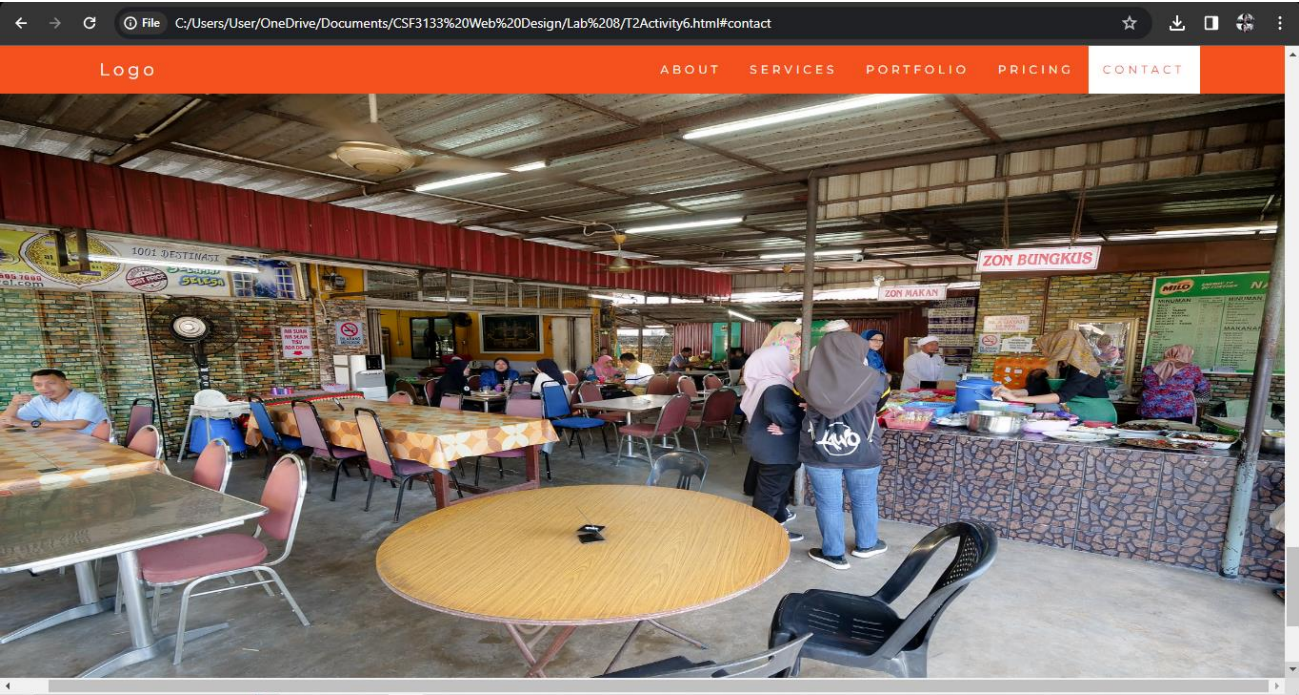
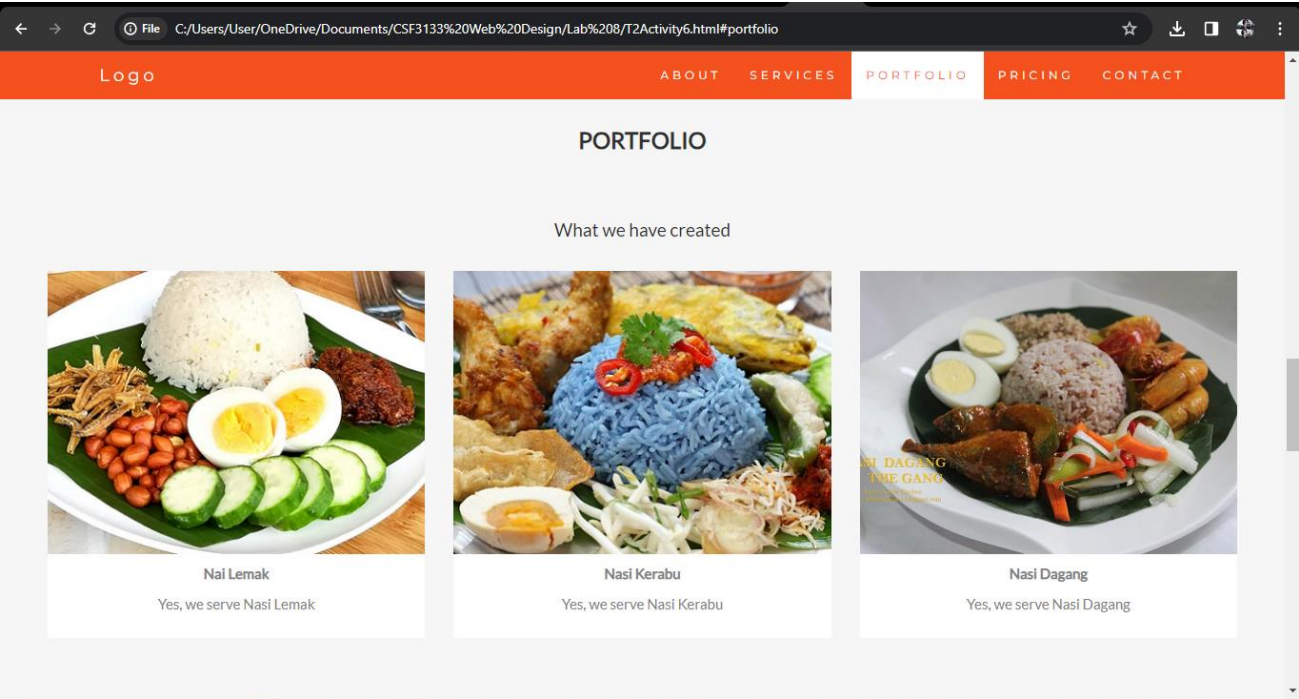
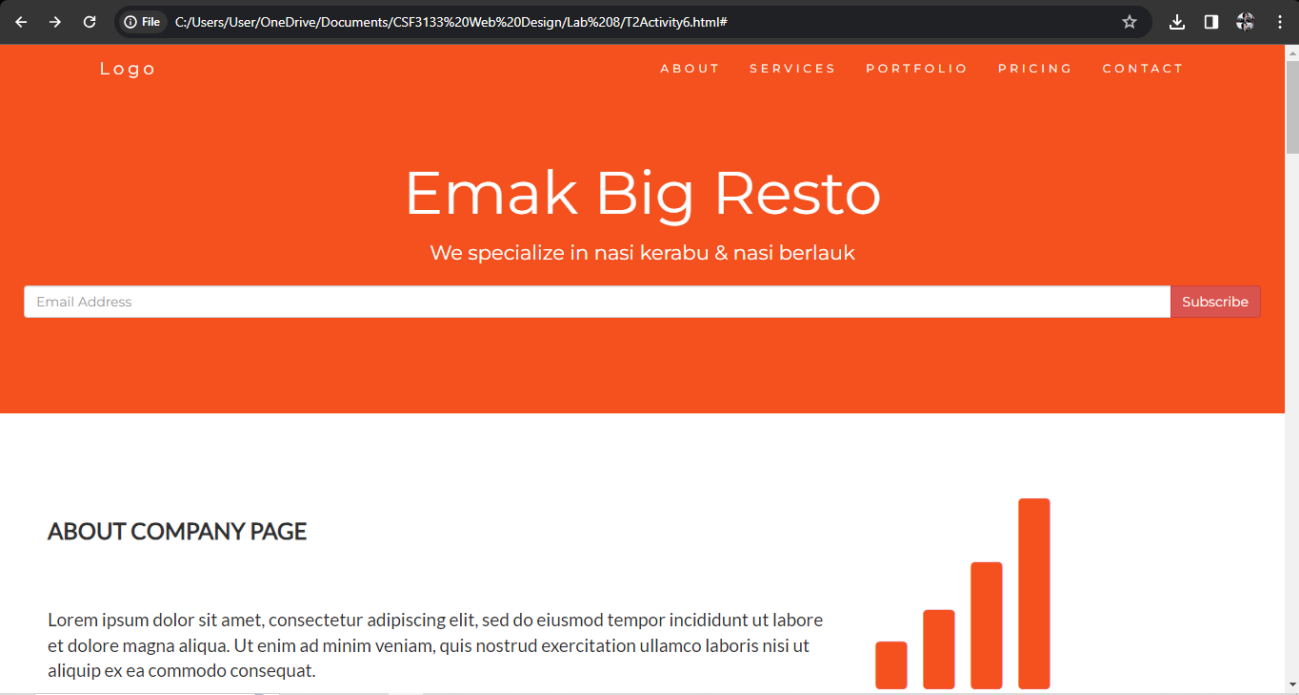
"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum."

Section 1.10.32 of "de Finibus Bonorum et Malorum", written by Cicero in 45 BC

"Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim

ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur?"

This is my output.



TASK 3

Exercises:


- 1. Using theme “Simply Me”, please create website about yourself. For instance: include your activity, hobby, personal information.

This is my home page.

Me

WHOWHATWHERE

Who Am I?



Name : Harinatul Muflihun Binti Hasnul Munawar

Matric Number : S67604

Course : Mobile Computing

Semester : SEM 3 2022/23

This is about me.

What Am I?

You can called me as Rin.

I am a 20-year-old woman, born on December 31 2003, with a height of 151 cm.


I wear glasses and am the second child among four siblings. Btw I love blue color and I dont have any hobbies. I'm sorry.

Q Search


Last page before footer is the list of place that I like the most.

Where To Find Me?


My Room



Studio

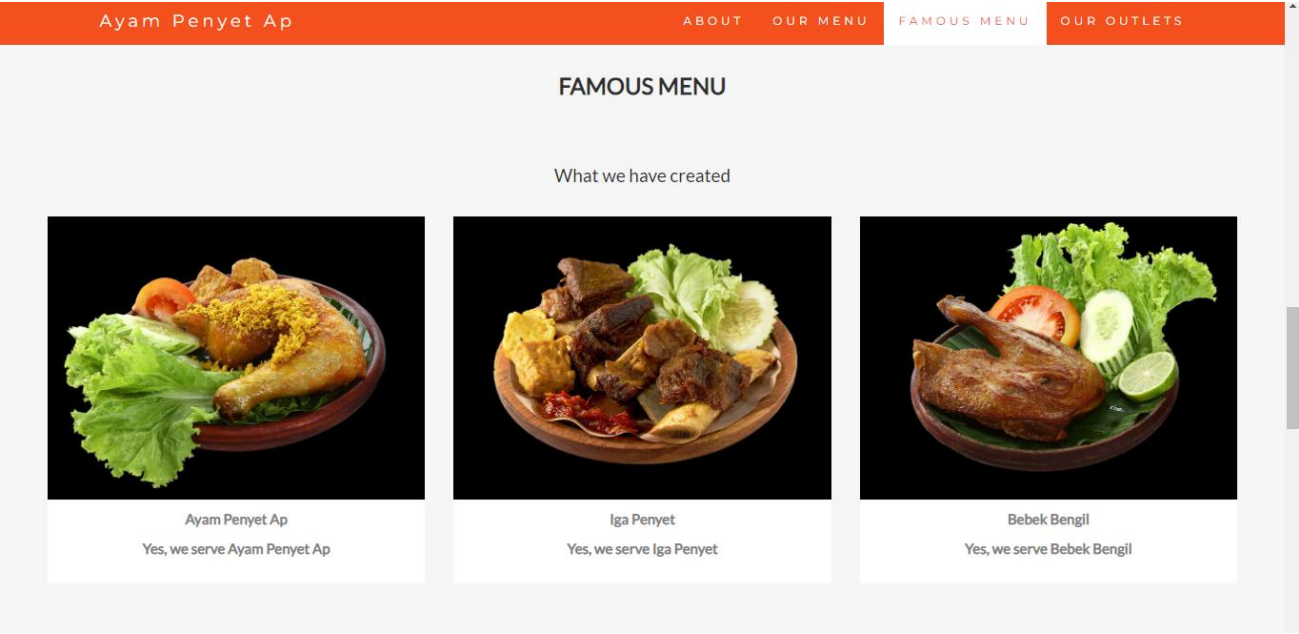
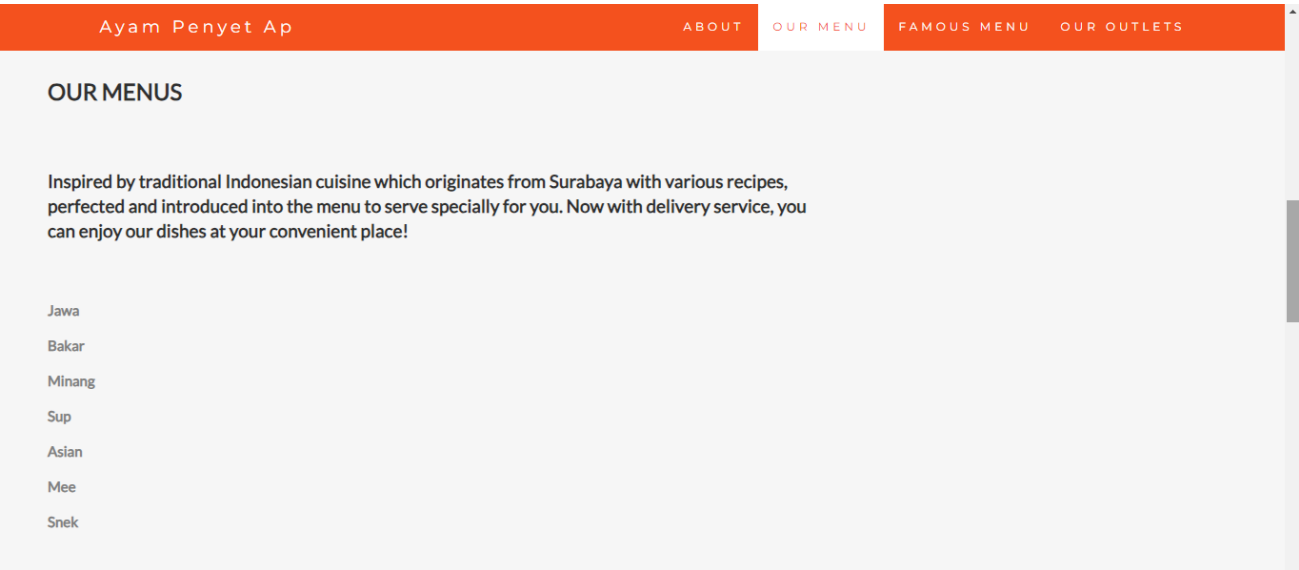
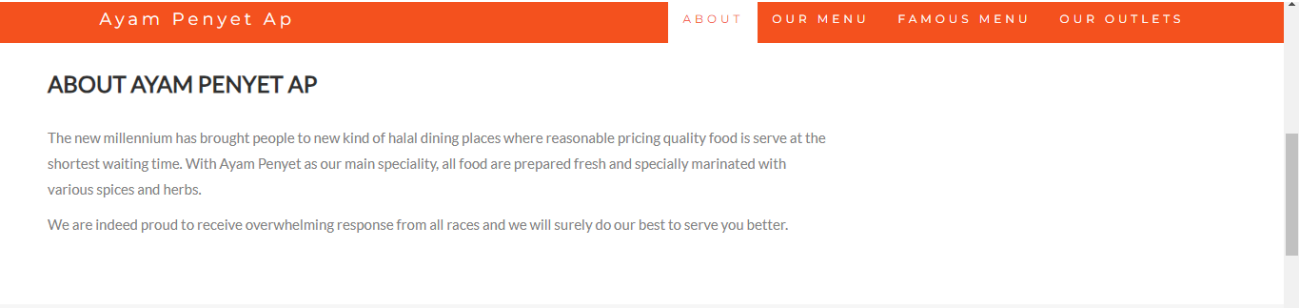
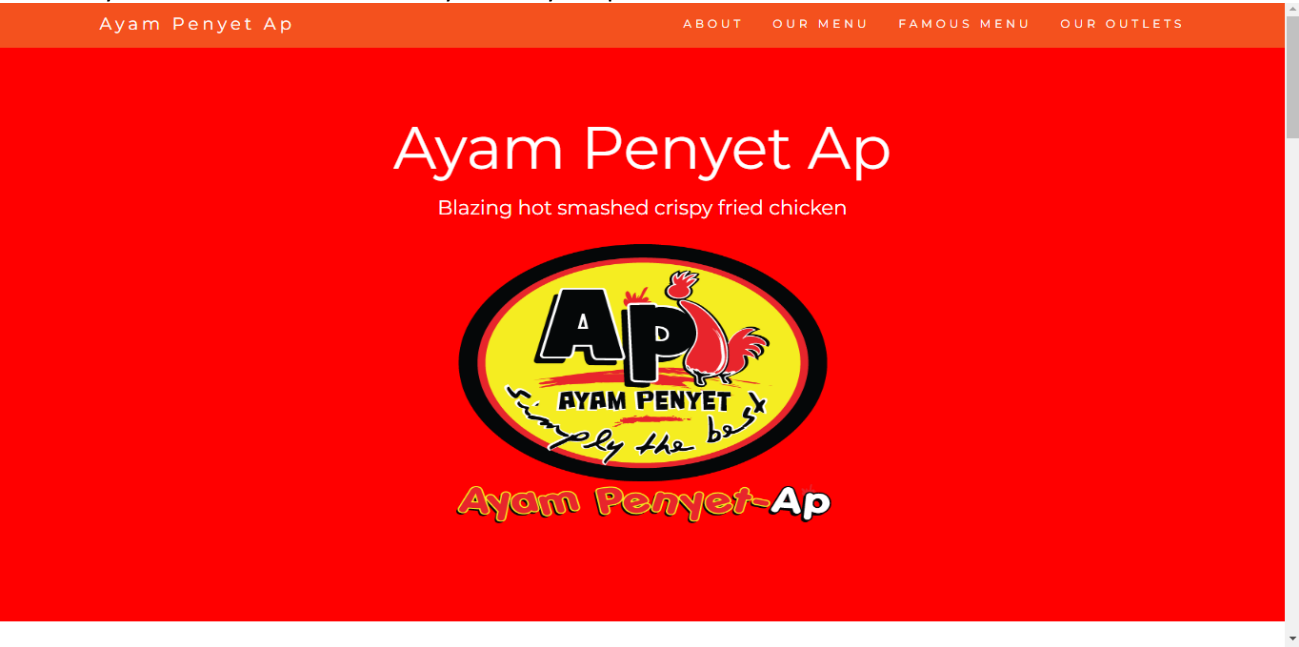


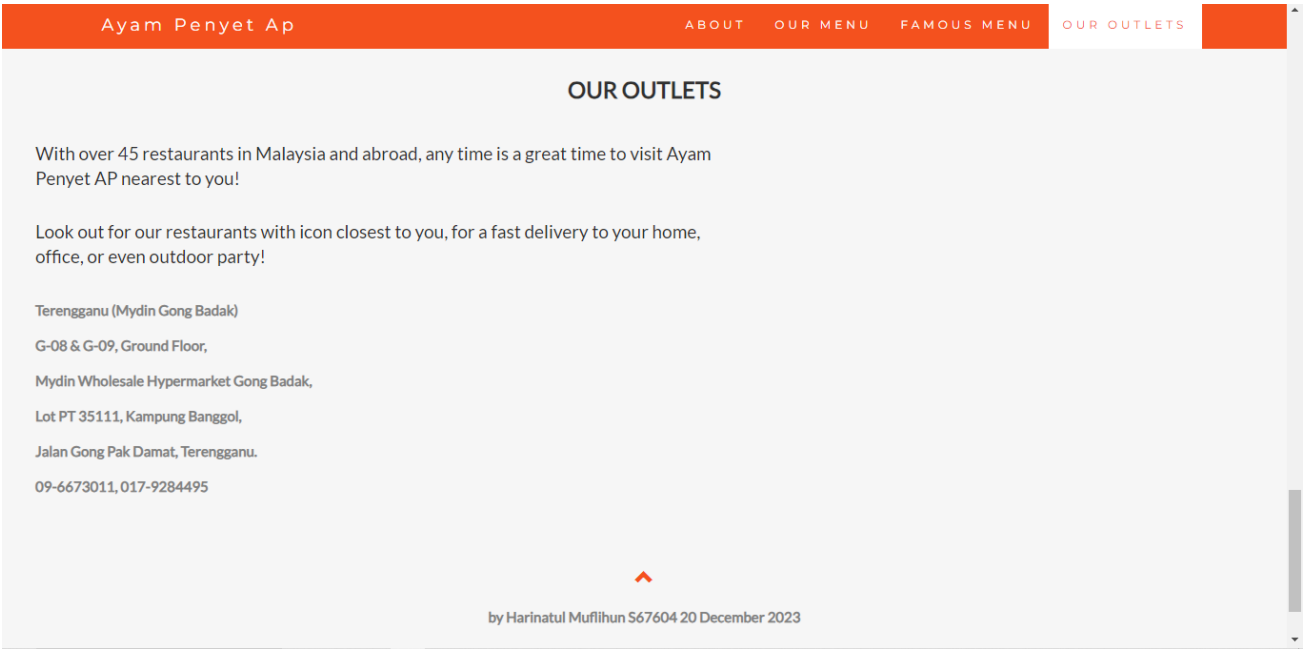
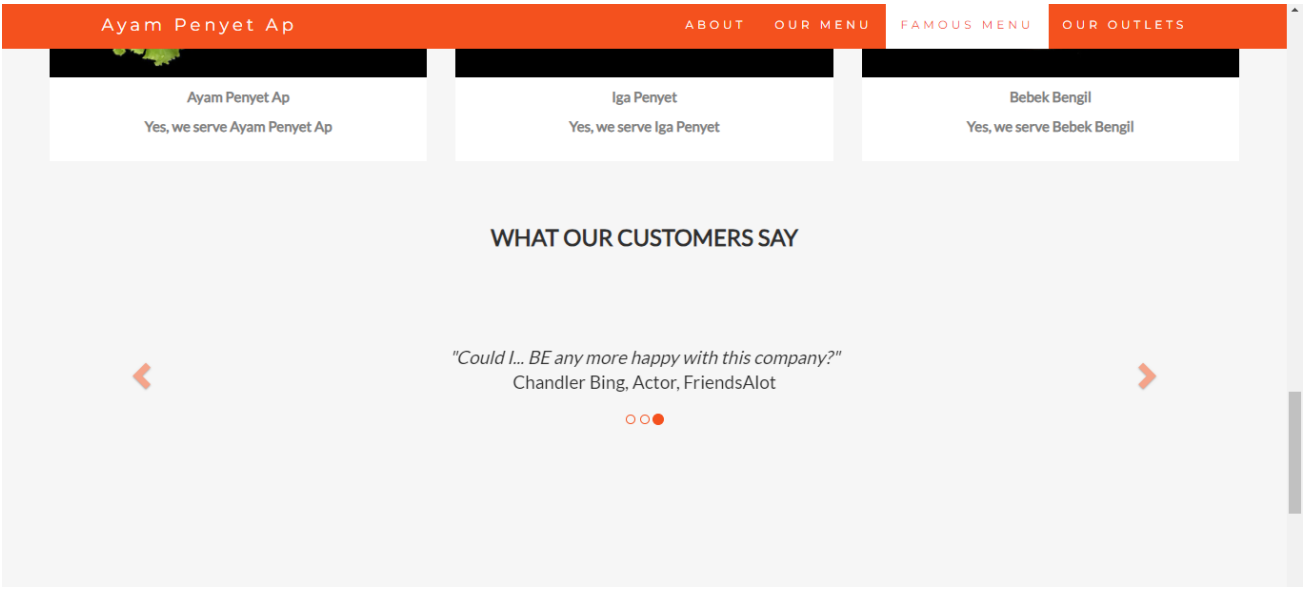
Beach



2. Using theme “My Company”, create a website for kedai makan/café/ small restaurant around your house.

This is my website for Kedai Makan Ayam Penyet Ap.





This is my code for the website above.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Company Page</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet" type="text/css">
  <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet" type="text/css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
  <style>
    body {
      font: 400 15px Lato, sans-serif;
      line-height: 1.8;
      color: #818181;
    }
    h2 {
      font-size: 24px;
      text-transform: uppercase;
      color: #303030;
      font-weight: 600;
      margin-bottom: 30px;
    }
    h4 {
      font-size: 19px;
      line-height: 1.375em;
      color: #303030;
      font-weight: 400;
      margin-bottom: 30px;
    }
    .jumbotron {
      background-color: #ff0000;
      color: #fff;
      padding: 100px 25px;
      font-family: Montserrat, sans-serif;
    }
    .container-fluid {
      padding: 60px 50px;
    }
    .bg-grey {
      background-color: #f6f6f6;
    }
    .logo-small {
```

```

    color: #f4511e;
    font-size: 50px;
}
.logo {
    color: #f4511e;
    font-size: 200px;
}
.thumbnail {
    padding: 0 0 15px 0;
    border: none;
    border-radius: 0;
}
.thumbnail img {
    width: 100%;
    height: 100%;
    margin-bottom: 10px;
}
.carousel-control.right, .carousel-control.left {
    background-image: none;
    color: #f4511e;
}
.carousel-indicators li {
    border-color: #f4511e;
}
.carousel-indicators li.active {
    background-color: #f4511e;
}
.item h4 {
    font-size: 19px;
    line-height: 1.375em;
    font-weight: 400;
    font-style: italic;
    margin: 70px 0;
}
.item span {
    font-style: normal;
}
.panel {
    border: 1px solid #f4511e;
    border-radius: 0 !important;
    transition: box-shadow 0.5s;
}
.panel:hover {
    box-shadow: 5px 0px 40px rgba(0,0,0, .2);
}
.panel-footer .btn:hover {
    border: 1px solid #f4511e;
    background-color: #fff !important;
    color: #f4511e;
}
.panel-heading {
    color: #fff !important;
    background-color: #f4511e !important;
    padding: 25px;
    border-bottom: 1px solid transparent;
    border-top-left-radius: 0px;
    border-top-right-radius: 0px;
    border-bottom-left-radius: 0px;
    border-bottom-right-radius: 0px;
}
.panel-footer {
    background-color: white !important;
}
.panel-footer h3 {
    font-size: 32px;
}
.panel-footer h4 {
    color: #aaa;
    font-size: 14px;
}
.panel-footer .btn {
    margin: 15px 0;
    background-color: #f4511e;
    color: #fff;
}
.navbar {
    margin-bottom: 0;
    background-color: #f4511e;
    z-index: 9999;
    border: 0;
    font-size: 12px !important;
    line-height: 1.42857143 !important;

```

```

letter-spacing: 4px;
border-radius: 0;
font-family: Montserrat, sans-serif;
}
.navbar li a, .navbar .navbar-brand {
color: #fff !important;
}
.navbar-nav li a:hover, .navbar-nav li.active a {
color: #f4511e !important;
background-color: #fff !important;
}
.navbar-default .navbar-toggle {
border-color: transparent;
color: #fff !important;
}
footer .glyphicon {
font-size: 20px;
margin-bottom: 20px;
color: #f4511e;
}
.slideanim {visibility:hidden;}
.slide {
animation-name: slide;
-webkit-animation-name: slide;
animation-duration: 1s;
-webkit-animation-duration: 1s;
visibility: visible;
}
@keyframes slide {
0% {
opacity: 0;
transform: translateY(70%);
}
100% {
opacity: 1;
transform: translateY(0%);
}
}
@-webkit-keyframes slide {
0% {
opacity: 0;
-webkit-transform: translateY(70%);
}
100% {
opacity: 1;
-webkit-transform: translateY(0%);
}
}
@media screen and (max-width: 768px) {
.col-sm-4 {
text-align: center;
margin: 25px 0;
}
.btn-lg {
width: 100%;
margin-bottom: 35px;
}
}
@media screen and (max-width: 480px) {
.logo {
font-size: 150px;
}
}
</style>
</head>
<body id="myPage" data-spy="scroll" data-target=".navbar" data-offset="60">

```

```

<nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="#myPage">Ayam Penyet Ap</a>
</div>
<div class="collapse navbar-collapse" id="myNavbar">
<ul class="nav navbar-nav navbar-right">
<li><a href="#about">ABOUT</a></li>
<li><a href="#ourmenu">OUR MENU</a></li>
<li><a href="#fmenu">FAMOUS MENU</a></li>

```

```

        <li><a href="#outlets">OUR OUTLETS</a></li>
    </ul>
</div>
</div>
</nav>
```

```
<div class="jumbotron text-center">
  <h1>Ayam Penyet Ap</h1>
  <p>Blazing hot smashed crispy fried chicken</p>
  
</div>
```

```
<!-- Container (About Section) -->
<div id="about" class="container-fluid">
  <div class="row">
    <div class="col-sm-8">
      <h2>About Ayam Penyet Ap</h2>
      <p>The new millennium has brought people to new kind of halal dining places where reasonable pricing
quality food is serve at the shortest waiting time. With Ayam Penyet as our main speciality, all food are
prepared fresh and specially marinated with various spices and herbs.</p>
      <p>We are indeed proud to receive overwhelming response from all races and we will surely do our best to
serve you better.</p>

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

```
<div id="ourmenu" class="container-fluid bg-grey">
  <div class="row">

    <div class="col-sm-8">
      <h2>Our Menus</h2><br>
      <h4><strong>Inspired by traditional Indonesian cuisine which originates from Surabaya with various
recipes, perfected and introduced into the menu to serve specially for you. Now with delivery service, you can
enjoy our dishes at your convenient place!</h4><br>
      <p><strong>Jawa</p>
      <p><strong>Bakar</p>
      <p><strong>Minang</p>
      <p><strong>Sup</p>
      <p><strong>Asian</p>
      <p><strong>Mee</p>
      <p><strong>Snek</p>
    </div>
  </div>
</div>
```

```
<!-- Container (Portfolio Section) -->
<div id="fmenu" class="container-fluid text-center bg-grey">
  <h2>Famous Menu</h2><br>
  <h4>What we have created</h4>
  <div class="row text-center slideanim">
    <div class="col-sm-4">
      <div class="thumbnail">
        
        <p><strong>Ayam Penyet Ap</strong></p>
        <p>Yes, we serve Ayam Penyet Ap</p>
      </div>
    </div>
    <div class="col-sm-4">
      <div class="thumbnail">
        
        <p><strong>Iga Penyet</strong></p>
        <p>Yes, we serve Iga Penyet</p>
      </div>
    </div>
    <div class="col-sm-4">
      <div class="thumbnail">
        
        <p><strong>Bebek Bengil</strong></p>
        <p>Yes, we serve Bebek Bengil</p>
      </div>
    </div>
  </div><br>
```

```
<h2>What our customers say</h2>
<div id="myCarousel" class="carousel slide text-center" data-ride="carousel">
  <!-- Indicators -->
  <ol class="carousel-indicators">
    <li data-target="#myCarousel" data-slide-to="0" class="active"></li>
    <li data-target="#myCarousel" data-slide-to="1"></li>
    <li data-target="#myCarousel" data-slide-to="2"></li>
```

```

</ol>

<!-- Wrapper for slides -->
<div class="carousel-inner" role="listbox">
  <div class="item active">
    <h4>"This company is the best. I am so happy with the result!"<br><span>Michael Roe, Vice President,
Comment Box</span></h4>
  </div>
  <div class="item">
    <h4>"One word... WOW!!"<br><span>John Doe, Salesman, Rep Inc</span></h4>
  </div>
  <div class="item">
    <h4>"Could I... BE any more happy with this company?"<br><span>Chandler Bing, Actor,
FriendsAlot</span></h4>
  </div>
</div>

<!-- Left and right controls -->
<a class="left carousel-control" href="#myCarousel" role="button" data-slide="prev">
  <span class="glyphicon glyphicon-chevron-left" aria-hidden="true"></span>
  <span class="sr-only">Previous</span>
</a>
<a class="right carousel-control" href="#myCarousel" role="button" data-slide="next">
  <span class="glyphicon glyphicon-chevron-right" aria-hidden="true"></span>
  <span class="sr-only">Next</span>
</a>
</div>
</div>

<!-- Container (Contact Section) -->
<div id="outlets" class="container-fluid bg-grey">
  <h2 class="text-center">OUR OUTLETS</h2>
  <div class="row">

    <div class="col-sm-7 slideanim">
      <div class="row">
        <h4>With over 45 restaurants in Malaysia and abroad, any time is a great time to visit Ayam Penyet AP
nearest to you!</h4>
        <h4>Look out for our restaurants with icon closest to you, for a fast delivery to your home, office, or even
outdoor party!</h4>
        <p> </p>
        <p> </p>
        <p>Terengganu (Mydin Gong Badak) </p>
        <p>G-08 & G-09, Ground Floor,</p>
        <p>Mydin Wholesale Hypermarket Gong Badak,</p>
        <p>Lot PT 35111, Kampung Banggol,</p>
        <p>Jalan Gong Pak Damat, Terengganu.</p>
        <p>09-6673011, 017-9284495</p>
      </div>
    </div>
  </div>

<footer class="container-fluid text-center">
  <a href="#myPage" title="To Top">
    <span class="glyphicon glyphicon-chevron-up"></span>
  </a>
  <p>by Harinatul Muflihun S67604 20 December 2023 </a></p>
</footer>

<script>
$(document).ready(function(){
  // Add smooth scrolling to all links in navbar + footer link
  $(".navbar a, footer a[href='#myPage']").on('click', function(event) {
    // Make sure this.hash has a value before overriding default behavior
    if (this.hash !== "") {
      // Prevent default anchor click behavior
      event.preventDefault();

      // Store hash
      var hash = this.hash;

      // Using jQuery's animate() method to add smooth page scroll
      // The optional number (900) specifies the number of milliseconds it takes to scroll to the specified area
      $('html, body').animate({
        scrollTop: $(hash).offset().top
      }, 900, function(){

        // Add hash (#) to URL when done scrolling (default click behavior)
        window.location.hash = hash;
      });
    } // End if
  })
}

```

```
});

$(window).scroll(function() {
  $(".slideanim").each(function(){
    var pos = $(this).offset().top;

    var winTop = $(window).scrollTop();
    if (pos < winTop + 600) {
      $(this).addClass("slide");
    }
  });
});
})
</script>

</body>
</html>
```