

Technological Institute of the Philippines  
938 Aurora Blvd. Cubao, Quezon City

College of Information Technology Education

IT 004 – Web Systems and Technologies

Midterm Period  
Designing Landing Page Using Bootstrap

Name: BUENAVENTURA, ARISTOTLE C.	Date: 10/28/2021
Program / Section: IS12S2	Instructor: Ms. Roxanne A. Pagaduan
Assessment Task: Assignment No. 2	

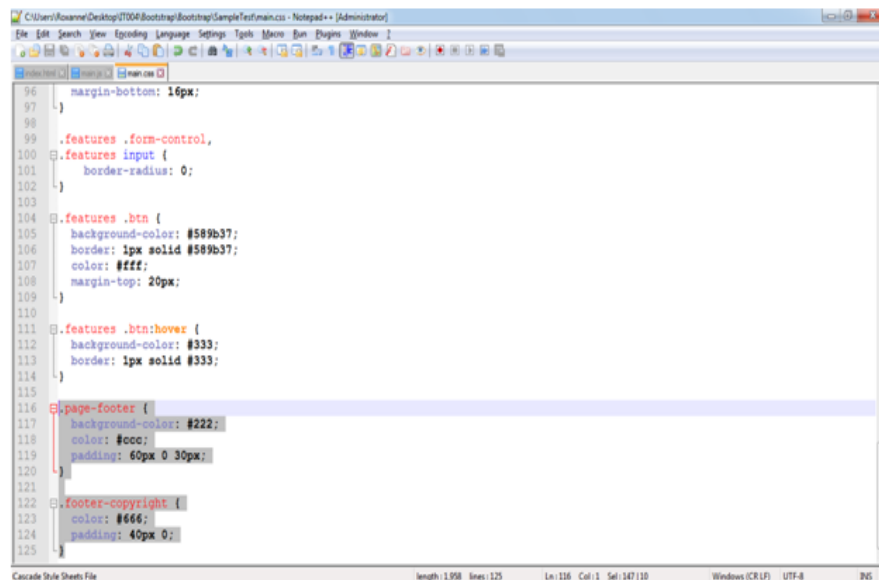
### Instructions:

- Provide screenshots to satisfy the requirements.
- Include your FULLNAME in every screenshot.
- Include brief description in each screenshot.
- Save your work as **SURNAME\_Assign2.DOC** (Ex. PAGADUAN\_Assign2.DOC and .PDF)

### Requirements:

After performing the steps provided in module 3 entitled “Interactive Web Design using Bootstrap, provide the following requirements:

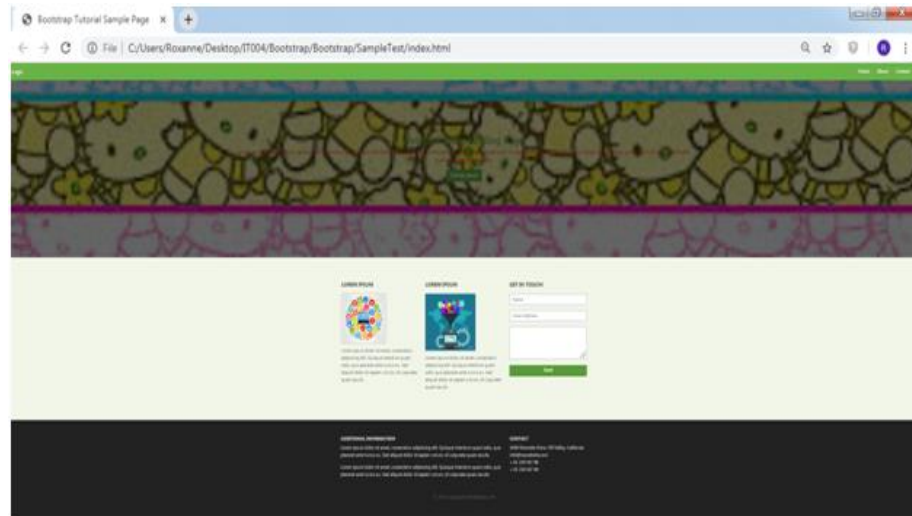
1. Screenshot of all the html, css, and other files used.
  - a. File Name: xxxx.html



```
96     margin-bottom: 16px;
97 }
98
99 .features .form-control,
100 .features input {
101     border-radius: 0;
102 }
103
104 .features .btn {
105     background-color: #589b37;
106     border: 1px solid #589b37;
107     color: #fff;
108     margin-top: 20px;
109 }
110
111 .features .btn:hover {
112     background-color: #333;
113     border: 1px solid #333;
114 }
115
116 .page-footer {
117     background-color: #222;
118     color: #ccc;
119     padding: 60px 0 30px;
120 }
121
122 .footer-copyright {
123     color: #666;
124     padding: 40px 0;
125 }
```

- b. File Name: xxxx.css  
<provide the screenshot>  
**Note:** provide all the screenshot of your source code

2. Sample Final Output Running in the Browser.



**Assessment Tool:**

This assessment will be graded using the Rubric for Laboratory Performance in Web Systems and Technologies.

Source Code:

### ***bootstrap.html***

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link                                rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstr
ap/4.1.3/css/bootstrap.min.css"
  integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoao
ApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
  <link                                rel="stylesheet"
href="bootstrap/css/bootstrap.min.css">
  <link    rel="stylesheet"    type="text/css"
href="main.css">
  <title>Bootstrap Tutorial Sample Page</title>
  <meta charset="utf-8">
  <meta                                name="viewport"
content="width=device-width, initial-scale=1">
</head>

<body>
  <nav class="navbar navbar-expand-md">
    <a class="navbar-brand" href="#">Logo</a>
    <button class="navbar-toggler navbar-dark"
type="button" data-toggle="collapse" data-
target="#main-navigation">
      <span                                class="navbar-toggler-
icon"></span>
    </button>

    <div class="collapse navbar-collapse"
id="main-navigation">
      <ul class="navbar-nav">
        <li class="nav-item">
          <a class="nav-link" href="#">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">About</a>
        </li>
        <li class="nav-item">
          <a                                class="nav-link"
href="#">Contact</a>
```

```
      </li>
    </ul>
  </div>
</nav>
<header class="header">
  <div class="description">
    <h1>Welcome to the Landing Page!</h1>
    <p>Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Quisque interdum
quam odio,
      quis placerat ante luctus eu. Sed aliquet
dolor id sapien rutrum, id vulputate quam iaculis.
      Suspendisse consectetur mi id libero
fringilla, in pharetra sem ullamcorper.</p>
    <button class="btn btn-outline-secondary
btn-lg">Tell Me More!</button>
  </div>
  <div class="overlay"></div>
</header>

<div class="container features">
  <div class="row">
    <div class="col-lg-4 col-md-4 col-sm-12">
      <h3                                class="feature-title">Lorem
ipsum</h3>
      
      <p>Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Quisque interdum
quam odio,
        quis placerat ante luctus eu. Sed aliquet
dolor id sapien rutrum, id vulputate quam
iaculis.</p>
    </div>

    <div class="col-lg-4 col-md-4 col-sm-12">
      <h3                                class="feature-title">Lorem
ipsum</h3>
      
      <p>Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Quisque interdum
quam odio,
```

quis placerat ante luctus eu. Sed aliquet dolor id sapien rutrum, id vulputate quam iaculis.</p>

</div>

<div class="col-lg-4 col-md-4 col-sm-12">

<h3 class="feature-title">Get in Touch!</h3>

<div class="form-group">

<input type="text" class="form-control" placeholder="Name" name="">

</div>

<div class="form-group">

<input type="email" class="form-control" placeholder="Email Address" name="email">

</div>

<div class="form-group">

<textarea class="form-control" rows="4"></textarea>

</div>

<input type="submit" class="btn btn-secondary btn-block" value="Send" name="">

</div>

</div>

<footer class="page-footer">

<div class="container">

<div class="row">

<div class="col-lg-8 col-md-8 col-sm-12">

<h6 class="text-uppercase font-weight-bold">Additional Information</h6>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque interdum quam odio,

quis placerat ante luctus eu. Sed aliquet dolor id sapien rutrum, id vulputate quam iaculis.</p>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque interdum quam odio,

quis placerat ante luctus eu. Sed aliquet dolor id sapien rutrum, id vulputate quam iaculis.</p>

</div>

<div class="col-lg-4 col-md-4 col-sm-12">

<h6 class="text-uppercase font-weight-bold">Contact</h6>

<p>1640 Riverside Drive, Hill Valley, California

<br/>info@mywebsite.com

<br/>+ 01 234 567 88

<br/>+ 01 234 567 89</p>

</div>

</div>

<div class="footer-copyright text-center">© 2019 Copyright: MyWebsite.com</div>

</footer>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"

integrity="sha384-

q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"

crossorigin="anonymous"></script>

<script

src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"

integrity="sha384-

ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy"

crossorigin="anonymous"></script>

<script src="main.js"></script>

</body>

</html>

## **main.css**

```
body {
  padding: 0;
  margin: 0;
  background: #f2f6e9;
}

.navbar {
  background: #6ab446;
}

.nav-link, .navbar-brand {
  color: #fff;
  cursor: pointer;
}

.nav-link {
  margin-right: 1em !important;
}

.nav-link:hover {
  color: #000;
}

.navbar-collapse {
  justify-content: flex-end;
}

.header {
  background-image: url('bg.jpg');
  background-size: cover;
  background-position: center;
  position: relative;
}

.header.style {
  height: 400px;
}

.overlay {
  position: absolute;
  min-height: 100%;
  min-width: 100%;
  left: 0;
  top: 0;
  background: rgba(0, 0, 0, 0.6);
}

.description {
  left: 50%;
  position: absolute;
  top: 45%;
  transform: translate(-50%, -50%);
  text-align: center;
}

.description h1 {
  color: #6ab446;
}

.description p {
  color: #fff;
  font-size: 1.3rem;
  line-height: 1.5;
}

.description button {
  border: 1px solid #6ab446;
  background: #6ab446;
  border-radius: 0;
  color: #fff;
}

.description button:hover {
  border: 1px solid #fff;
  background: #fff;
  color: #000;
}

.features {
  margin: 4em auto;
  padding: 1em;
  position: relative;
}

.feature-title {
  color: #333;
  font-size: 1.3rem;
  font-weight: 700;
```

```

    margin-bottom: 20px;
    text-transform: uppercase;
}

.features img {
    -webkit-box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);
    -moz-box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);
    box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);
    margin-bottom: 16px;
}
.features .form-control, .features input {
    border-radius: 0;
}
.features .btn {
    background-color: #589b37;
    border: 1px solid #589b37;
    color: #fff;
    margin-top: 20px;
}
.features .btn:hover {
    background-color: #333;
    border: 1px solid #333;
}
.page-footer {
    background-color: #222;
    color: #ccc;
    padding: 20px 0 20px;
}

}

.footer-copyright {
    color: #666;
    padding: 20px 0;
}

@media (max-width: 575.98px) {
    .description {
        left: 0;
        padding: 0 15px;
        position: absolute;
        top: 10%;
        transform: none;
        text-align: center;
    }

    .description h1 {
        font-size: 2em;
    }

    .description p {
        font-size: 1.2rem;
    }

    .features {
        margin: 0;
    }
}

```

### ***main.js***

```

$(document).ready(function(){
    $('.header').height($(window).height());
})

```

1. Screenshot of all the html, css, and other files used.
  - a. File Name: bootstrap.html

```
bootstrap.html X
bootstrap.html > html > body > nav.navbar.navbar-expand-md > div#main-navigation.collapse.navbar-collapse
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
5      integrity="sha384-MCw98/SFGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO" crossorigin="anonymous">
6      <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
7      <link rel="stylesheet" type="text/css" href="main.css">
8      <title>Bootstrap Tutorial Sample Page</title>
9      <meta charset="utf-8">
10     <meta name="viewport" content="width=device-width, initial-scale=1">
11
12 </head>
13
14 <body>
15     <nav class="navbar navbar-expand-md">
16         <a class="navbar-brand" href="#">Logo</a>
17         <button class="navbar-toggler navbar-dark" type="button" data-toggle="collapse" data-target="#main-navigation">
18             <span class="navbar-toggler-icon"></span>
19         </button>
20
21         <div class="collapse navbar-collapse" id="main-navigation">
22             <ul class="navbar-nav">
23                 <li class="nav-item">
24                     <a class="nav-link" href="#">Home</a>
25                 </li>
26                 <li class="nav-item">
27                     <a class="nav-link" href="#">About</a>
28                 </li>
29                 <li class="nav-item">
30                     <a class="nav-link" href="#">Contact</a>
31                 </li>
32             </ul>
33         </div>
34     </nav>
35     <header class="header">
36         <div class="description">
37             <h1>Welcome to the Landing Page!</h1>
38             <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque interdum quam odio,
39                 quis placerat ante luctus eu. Sed aliquet dolor id sapien rutrum, id vulputate quam iaculis.
40                 Suspendisse consectetur mi id libero fringilla, in pharetra sem ullamcorper.</p>
41             <button class="btn btn-outline-secondary btn-lg">Tell Me More!</button>
42         </div>
43         <div class="overlay"></div>
44     </header>
45
46     <div class="container features">
47         <div class="row">
48             <div class="col-lg-4 col-md-4 col-sm-12">
49                 <h3 class="feature-title">Lorem ipsum</h3>
```

Figure 1. bootstrap.html page 1

The bootstrap is referenced on the head tag in the first part of the HTML. It also has the external CSS tied to it. The logo, home, about, and contact links are all hyperlinks in the navigation. A welcome greeting and a brief summary are included in the header.

```

50     
51     <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque interdum quam odio,
52     quis placerat ante luctus eu. Sed aliquet dolor id sapien rutrum, id vulputate quam iaculis.</p>
53 </div>
54
55     <div class="col-lg-4 col-md-4 col-sm-12">
56     <h3 class="feature-title">Lorem ipsum</h3>
57     
58     <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque interdum quam odio,
59     quis placerat ante luctus eu. Sed aliquet dolor id sapien rutrum, id vulputate quam iaculis.</p>
60 </div>
61
62     <div class="col-lg-4 col-md-4 col-sm-12">
63     <h3 class="feature-title">Get in Touch!</h3>
64     <div class="form-group">
65     <input type="text" class="form-control" placeholder="Name" name="">
66     </div>
67     <div class="form-group">
68     <input type="email" class="form-control" placeholder="Email Address" name="email">
69     </div>
70     <div class="form-group">
71     <textarea class="form-control" rows="4"></textarea>
72     </div>
73     <input type="submit" class="btn btn-secondary btn-block" value="Send" name="">
74 </div>
75 </div>
76 </div>
77
78 <footer class="page-footer">
79     <div class="container">
80     <div class="row">
81     <div class="col-lg-8 col-md-8 col-sm-12">
82     <h6 class="text-uppercase font-weight-bold">Additional Information</h6>
83     <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque interdum quam odio,
84     quis placerat ante luctus eu. Sed aliquet dolor id sapien rutrum, id vulputate quam iaculis.</p>
85     <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque interdum quam odio,
86     quis placerat ante luctus eu. Sed aliquet dolor id sapien rutrum, id vulputate quam iaculis.</p>
87 </div>
88
89     <div class="col-lg-4 col-md-4 col-sm-12">
90     <h6 class="text-uppercase font-weight-bold">Contact</h6>
91     <p>1640 Riverside Drive, Hill Valley, California
92     <br/>info@mywebsite.com
93     <br/>+ 01 234 567 88
94     <br/>+ 01 234 567 89</p>
95 </div>
96 </div>
97     <div class="Footer-copyright text-center">© 2019 Copyright: MyWebsite.com</div>
98 </footer>

```

Figure 1.1. bootstrap.html page 2

The three divs are contained in a container on the second half of the HTML. The logo and description are on the first and second container, respectively, while the form is on the third page. The footer contains the webpage's supplementary information as well as the developer's contact information and address. The copyright is located at the bottom of the page.



```
99
100 <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
101 integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
102 crossorigin="anonymous"></script>
103 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"
104 integrity="sha384-ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy"
105 crossorigin="anonymous"></script>
106 <script src="main.js"></script>
107
108 </body>
109
110 </html>
```

Name: BUENAVENTURA, ARISTOTLE C.

*Figure 1.2. bootstrap.html page 3*

The last portion of the HTML has the jquery, bootstrap, and CSS links.

b. File Name: main.css

```
# main.css X
# main.css > body
1 body {
2   padding: 0;
3   margin: 0;
4   background: #f2f6e9;
5 }
6
7 .navbar {
8   background: #6ab446;
9 }
10
11 .nav-link, .navbar-brand {
12   color: #fff;
13   cursor: pointer;
14 }
15   Name: BUENAVENTURA, ARISTOTLE C.
16 .nav-link {
17   margin-right: 1em !important;
18 }
19
20 .nav-link:hover {
21   color: #000;
22 }
23
24 .navbar-collapse {
25   justify-content: flex-end;
26 }
27
28
29 .header {
30   background-image: url('bg.jpg');
31   background-size: cover;
32   background-position: center;
33   position: relative;
34 }
35
36
37 .header.style {
38   height: 400px;
39 }
40
41 .overlay {
42   position: absolute;
43   min-height: 100%;
44   min-width: 100%;
45   left: 0;
46   top: 0;
47   background: rgba(0, 0, 0, 0.6);
48 }
49
```

Figure 2 main.css page 1

Padding and margin for the entire page are set to 0 in the initial part of the CSS. For the navigation bar, I used a green background. The hyperlinks in the navigation area have a hover effect. I used an image for the header and placed it in the middle of the page, underneath the navigation bar.

```

50 .description {
51     left: 50%;
52     position: absolute;
53     top: 45%;
54     transform: translate(-50%, -50%);
55     text-align: center;
56 }
57
58 .description h1 {
59     color: #6ab446;
60 }
61
62 .description p {
63     color: #fff;
64     font-size: 1.3rem;
65     line-height: 1.5;
66 }
67
68 .description button {
69     border: 1px solid #6ab446;
70     background: #6ab446;
71     border-radius: 0;
72     color: #fff;
73 }
74
75 .description button:hover {
76     border: 1px solid #fff;
77     background: #fff;
78     color: #000;
79 }
80
81 .features {
82     margin: 4em auto;
83     padding: 1em;
84     position: relative;
85 }
86
87 .feature-title {
88     color: #333;
89     font-size: 1.3rem;
90     font-weight: 700;
91     margin-bottom: 20px;
92     text-transform: uppercase;
93 }
94
95 .features img {
96     -webkit-box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);
97     -moz-box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);
98     box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);

```

Name: BUENAVENTURA, ARISTOTLE C.

Figure 2.2 main.css page 2

The description inside the header is aligned at the center in the second half of the CSS. For contrast, the h1 and p have different hues. A button with a hover effect is located beneath the explanation.

```

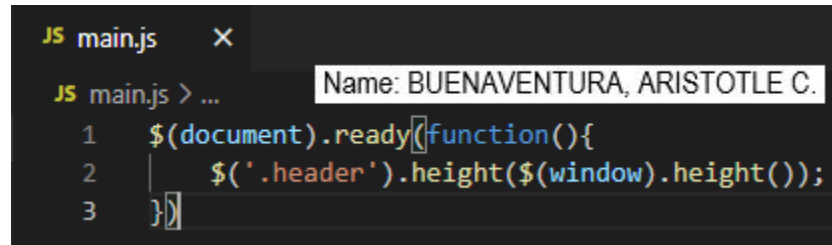
99     margin-bottom: 16px;
100 }
101 .features .form-control, .features input {
102     border-radius: 0;
103 }
104 .features .btn {
105     background-color: #589b37;
106     border: 1px solid #589b37;
107     color: #fff;
108     margin-top: 20px;
109 }
110 .features .btn:hover {
111     background-color: #333;
112     border: 1px solid #333;
113 }
114 .page-footer {
115     background-color: #222;
116     color: #ccc;
117     padding: 20px 0 20px;
118 }
119
120 .footer-copyright {
121     color: #666;
122     padding: 20px 0;
123 }
124
125 @media (max-width: 575.98px) {
126     .description {
127         left: 0;
128         padding: 0 15px;
129         position: absolute;
130         top: 10%;
131         transform: none;
132         text-align: center;
133     }
134
135     .description h1 {
136         font-size: 2em;
137     }
138
139     .description p {
140         font-size: 1.2rem;
141     }
142
143     .features {
144         margin: 0;
145     }
146 }
147

```

Figure 2.3 main.css page 3

The footer's background color is set to black in the final CSS section. The responsiveness of the web page is determined by a media query; when the user shrinks the browser, the page adjusts its elements to fit the screen size.

c. File Name: main.js

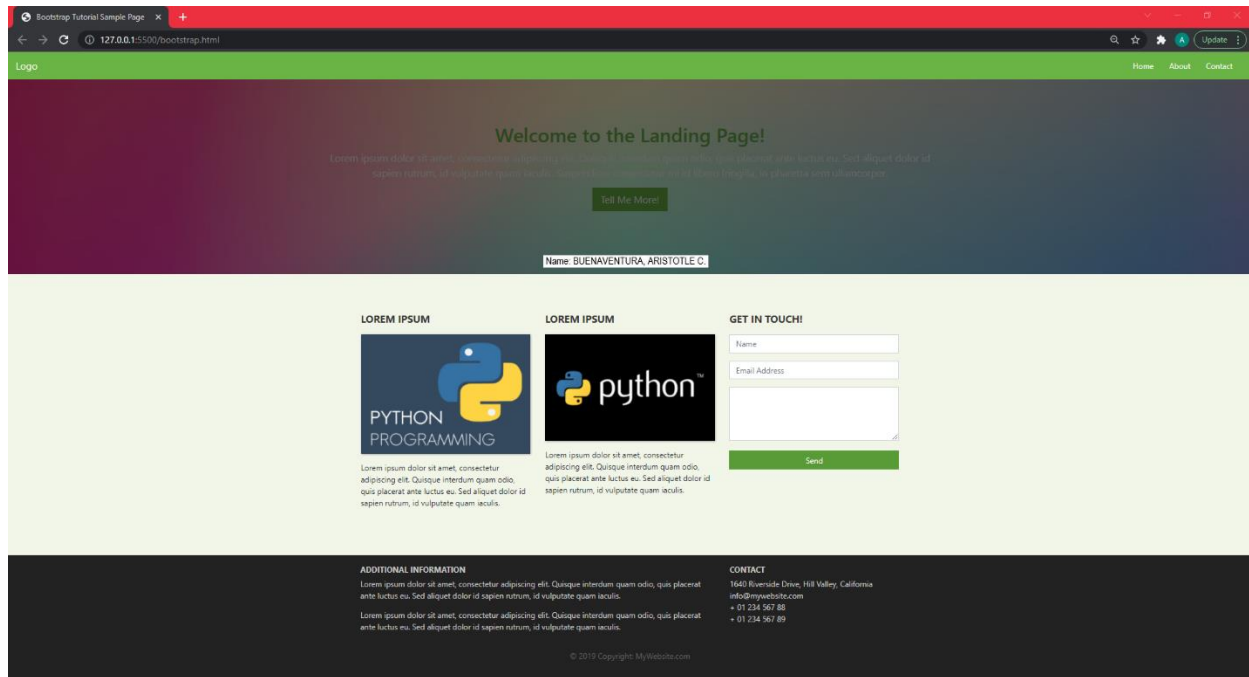


```
JS main.js  X
JS main.js > ...  Name: BUENAVENTURA, ARISTOTLE C.
1  $(document).ready(function(){
2      $('.header').height($(window).height());
3  })
```

*Figure 3 main.js*

This JavaScript function is used to make the header more responsive. The content inside the header will not overflow when the user minimizes the browser.

## 2. Sample Final Output Running in the Browser.



*Figure 4 The Final Output*

This is the final result after integrating all of the HTML, JavaScript, and CSS. Because of the bootstrap implementation, the pieces are well-placed.

### Honor Pledge:

"I affirm that I have not given or received any unauthorized help on this assignment, and that this work is my own."