Ex. No. 4	RESPONSIVE WEBPAGE USING BOOTSTRAP UI FRAMEWORK		
Date of Exercise	08/08/2022		
Web Host Link			
Youtube Link	https://drive.google.com/file/d/1zT9iwg8T- MKu4QjSaVIs8wqJ9Uc4zMkb/view?usp=share_link		

#### Aim:

To create a responsive web design using Bootstrap UI framework.

### **Description:**

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.
- 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

#### **Program:**

```
<!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=1.0">
<title>Microsoft</title>
```

```
<link rel="shortcut icon"</pre>
href="https://upload.wikimedia.org/wikipedia/commons/thumb/4/44/Microsoft_logo.svg/2048px-
Microsoft_logo.svg.png" type="image/x-icon">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"</pre>
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLlm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
  <link rel="stylesheet" href="style.css">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"</pre>
integrity="sha384-MrcW6ZMFYlzcLA8NI+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtlaxVXM'
crossorigin="anonymous"></script>
</head>
  <nav class="navbar navbar-expand-lg navbar-light bg-dark">
     <a class="navbar-brand m-3" href="#">
      <img src="Microsoft-logo.jpg" alt="microsoft-logo" height="50" width="50"> <span
class="text-light">Microsoft</span>
     </a>
     <button class="navbar-toggler btn btn-info" type="button" data-bs-toggle="collapse" data-
bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
     </button>
     <div class="collapse navbar-collapse" id="navbarSupportedContent">
      ul class="navbar-nav ms-auto p-4">
       class="nav-item">
         <a class="nav-link text-light" href="https://www.microsoft.com/en-in">Home</a>
       class="nav-item">
         <a class="nav-link text-light" href="#">Services</a>
```

```
<a class="nav-link text-light" href="#">Clients</a>
       class="nav-item">
        <a class="nav-link text-light" href="https://support.microsoft.com/en-us">Contact
Us</a>
       class="nav-item">
        <a class="nav-link text-light"
href="https://login.microsoftonline.com/common/oauth2/v2.0/authorize?client_id=ee272b19-4411-
433f-8f28-5c13cb6fd407&redirect_uri=https%3A%2F%2Fsupport.microsoft.com%2Fsignin-
oidc&response_type=code%20id_token&scope=openid%20profile%20offline_access&response_mod
e=form_post&nonce=637973526141444034.N2VjMjQyZjctOGl2Ny00YWQ0LWlwMTctYTRhZDMzYzg0
NTY4MzM5MTk3YmltMzY3Ni00ODMzLTllNGEtNTl3ZTc2Nzg0ZTBl&state=CfDJ8LSlxUzEr7ZGv7Wyv
MoLssmrBomQEApLs_nfvmqzTanvJkadmlUrcJhXfsrBUuebKRBcmLqZ9RUhDRTFTbPaZohdPS3DXjv8
WM48RQTnm0gTsuqYVM0xnFZ6T6v9gtNeNKTlGKtlNYSHktreSjFw87-
hsLthVldwUHeXRsRhPv6Y3L5SUzGmK05UECTkU1VFkPzAGckEUuN8iGMlxSzleMt0me1rFmpQhWsCe
sM3dHdRlta7v7j15tafxTto97C96Jylxrocqw7-
8MLQ84GKiqRjzni6qL_LXtDiOxLOCoYUfZuRA8aluoBx_RugWWFlHA&x-client-
SKU=ID_NETSTANDARD2_0&x-client-ver=6.7.1.0">Login/Sign Up</a>
       <form class="d-flex ">
        <input class="form-control" type="search" placeholder="Search" aria-label="Search">
        <button class="btn btn-outline-info ms-3" type="submit">Search</button>
       </form>
     </div>
   </nav>
```

```
<div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel" >
     <div class="carousel-inner">
      <div class="carousel-item active">
       <img src="https://rsp.sg/wp-content/uploads/2019/11/Expertise-Wks-1920-800-</pre>
Microsoft-Campus-Hyderabad-1.jpg" height="700" class="d-block w-100" alt="...">
      </div>
      <div class="carousel-item">
       <img src="https://i0.wp.com/yassermasood.blog/wp-content/uploads/2019/01/Microsoft-
Campus-image-2954886789-1546528206584.jpg?fit=1200%2C615&ssl=1" height="700" class="d-
block w-100" alt="...">
      <div class="carousel-item">
       <img src="https://i.postimg.cc/wMy553HK/Screenshot-2022-08-12-225252.jpg"
height="700" class="d-block w-100" alt="...">
      </div>
     <button class="carousel-control-prev" type="button" data-bs-
target="#carouselExampleControls" data-bs-slide="prev">
      <span class="carousel-control-prev-icon" aria-hidden="true"></span>
      <span class="visually-hidden">Previous</span>
     </button>
     <button class="carousel-control-next" type="button" data-bs-
target="#carouselExampleControls" data-bs-slide="next">
      <span class="carousel-control-next-icon" aria-hidden="true"></span>
      <span class="visually-hidden">Next</span>
   </div>
   <div class="container-fluid">
     <div class="row">
      <div class="col-sm-6 border border-primary m-2">
       <h3 class="text-center text-primary mt-4">Registration Form</h3>
         <div class="row mb-3">
```

```
<div class="col-sm-6">
           <label for="tf1">Email:
           <input type="email" class="form-control" id="tf1">
          </div>
          <div class="col-sm-6">
           <label for="tf2">Password:</label>
           <input type="password" class="form-control" id="tf2">
          </div>
         </div>
         <div class="row mb-3">
          <div class="col-sm-12">
           <label for="tf3">Address:
          <input type="text" class="form-control" placeholder="1234 Main St" id="tf3">
          </div>
         </div>
         <div class="row mb-3">
          <div class="col-sm-12">
           <label for="tf4">Address 2:</label>
           <input type="text" class="form-control" placeholder="Apartment, studio, or floor"</pre>
id="tf4">
          </div>
         </div>
         <div class="row mb-3">
          <div class="col-sm-6">
           <label for="tf5">City:</label>
           <input type="text" class="form-control" id="tf5">
          </div>
          <div class="col-sm-4">
           <label for="inputState">State</label>
           <select id="inputState" class="form-select">
             <option selected>Odisha
             <option>Karnataka
```

```
<option>Telangana
     <option>Tamil Nadu</option>
     <option>Gujarat
    </select>
   <div class="col-sm-2">
    <label for="tf7">Zip:</label>
    <input type="text" class="form-control" id="tf7">
   </div>
  </div>
  <div class="row mb-3">
   <div class="col-sm-12">
    <input class="form-check-input" type="checkbox" id="gridCheck">
     <label for="gridCheck">
      Check me out
     </label>
   </div>
  </div>
  <div class="row mb-4">
   <div class="col-sm-12 text-center">
    <button type="submit" class="btn btn-primary">Submit</button>
   </div>
  </div>
 </form>
</div>
<div class="col-sm-5 m-4">
 S.No
    Reg.No
```

```
Name of the Participant
 Collaborative Activity
 Collaborating Agency
</thead>
1
 UR16AE001
 ANIT ANU JOHN
 Product Design and Analysis
 CADD Centre
2
 UR16AE011
 VASANTHA KANEESH M
 Product Design and Analysis
 CADD Centre
3
 UR16AE013
 HAILEY BALDWIN
 Product Design and Analysis
 CADD Centre
4
 UR16AE015
 JEBIN JOHN J
 Product Design and Analysis
 CADD Centre
```

```
5
    UR16AE018
    JP GOKUL
    Product Design and Analysis
    CADD Centre
   6
    UR16AE020
    JEROME KJ
    Product Design and Analysis
    CADD Centre
   7
    UR16AE022
    AFNAN M ARIEF
    Product Design and Analysis
    CADD Centre
   </div>
</div>
</div>
```

6				
\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\				
	<u> </u>	<u> </u>	<u> </u>	

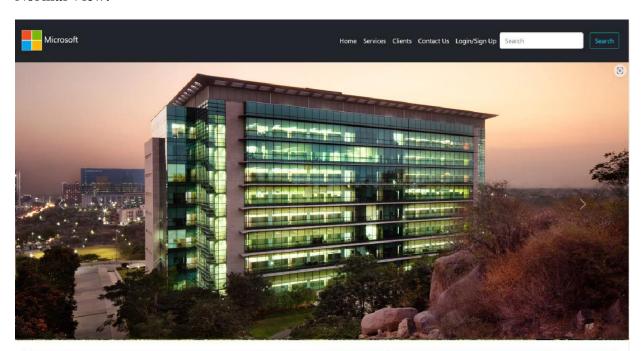
## **CSS FILE:**

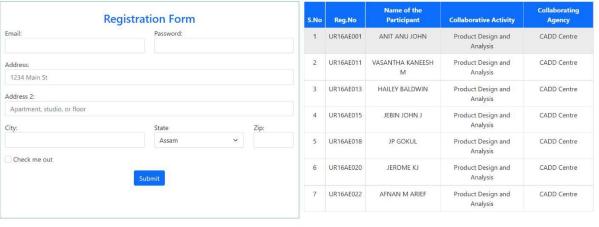
.container–

fluid{padding:3

## **Output:**

#### **Normal View:**





# **Responsive View:**



# **Result:**

A responsive web-page was created using Bootstrap and the intended results were obtained successfully.