

Samarth Rural Educational Institutes

Samarth College of Computer Science, Belhe (Bangarwadi)

MSc. (Computer Science) Sem I OCT-2024

Subject: CS-511-MJP Lab Course on Advance Databases and Web Technologies

Date of Assignment:

Submission Date:

=====

Q.1) Write the HTML5 code for generating the form as shown below. Apply the internal CSS to the following form to change the font size of the heading to 6pt and change the color to red and also change the background color to yellow.

Project Management

Project Name	<input type="text" value="project name"/>
Assigned to	<input type="text" value="Er Merry Potision"/>
Start Date	<input type="text" value="dd-mm-yyyy"/>
End Date	<input type="text" value="dd mm yyyy"/>
Priority	<input type="radio"/> High <input type="radio"/> Average <input type="radio"/> Low
Description	<input type="text"/>
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

ANS:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Project Management Form</title>
```

```
  <style>
```

```
    h1 {
```

```
      font-size: 6pt;
```

```
      color: red;
```

```
        text-align: center;
    }
    form {
        background-color: #ffff00; /* yellow */
        width: 400px;
        padding: 20px;
        margin: auto;
        border-radius: 10px;
        font-family: Arial, sans-serif;
    }
    label {
        display: block;
        margin-bottom: 2px;
    }
    input[type="text"],
    input[type="date"],
    select,
    textarea {
        width: 100%;
        padding: 5px;
        margin-bottom: 10px;
        border: 1px solid #ccc;
        border-radius: 5px;
    }
    .priority-group {
        display: flex;
```

```
    align-items: center;

    justify-content: space-between;

    margin-bottom: 10px;
}

.priority-group input[type="radio"] {
    margin-right: 5px;
}

.buttons {
    text-align: center;
}

.buttons input {
    padding: 5px 10px;

    margin: 5px;

    border: none;

    border-radius: 5px;

    cursor: pointer;
}

.buttons input[type="submit"] {
    background-color: #4CAF50; /* Green */
    color: white;
}

.buttons input[type="reset"] {
    background-color: #008CBA; /* Blue */
    color: white;
}

</style>
```

```
</head>

<body>

  <h1>Project Management</h1>

  <form>

    <label for="projectName">Project Name</label>

    <input type="text" id="projectName" name="projectName" placeholder="project
name">

    <label for="assignedTo">Assigned to</label>

    <select id="assignedTo" name="assignedTo">

      <option>Mr.Gawari.V</option>

      <option>Mr.Gawade.N</option>

      <option>Mr.Raut Sir</option>

    </select>

    <label for="startDate">Start Date</label>

    <input type="date" id="startDate" name="startDate">

    <label for="endDate">End Date</label>

    <input type="date" id="endDate" name="endDate">

    <label>Priority</label>

    <div class="priority-group">

      <label><input type="radio" id="high" name="priority" value="high"> High</label>

      <label><input type="radio" id="average" name="priority" value="average">
Average</label>

      <label><input type="radio" id="low" name="priority" value="low"> Low</label>

    </div>

    <label for="description">Description</label>

    <textarea id="description" name="description"></textarea>
```

```

<div class="buttons">

    <input type="submit" value="Submit">

    <input type="reset" value="Clear">

</div>

</form>

</body>

</html>

```

Output:

The screenshot shows a web form titled "Project Management" with a yellow background. The form contains the following fields and controls:

- Project Name:** A text input field containing "Tours and travel Management System".
- Assigned to:** A dropdown menu showing "Mr.Gawari.V".
- Start Date:** A date input field showing "01/01/2024" with a calendar icon.
- End Date:** A date input field showing "03/03/2024" with a calendar icon.
- Priority:** Three radio buttons labeled "High", "Average" (which is selected), and "Low".
- Description:** A text area containing the text "The travel and tourism website involves the travel and stay of non-residents, facilitated by travel".
- Buttons:** Two buttons at the bottom, "Submit" (green) and "Clear" (blue).

Q.2) Create a container add row inside it and add 3 columns inside row using Bootstrap.

ANS:

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Bootstrap 3 Columns Example with Content</title>

    <!-- Bootstrap CSS -->

```

```
<link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body>

  <div class="container">

    <div class="row">

      <!-- Column 1 -->

      <div class="col-md-4">

        <div class="p-3 border bg-light">

          <h3>Column 1: About Us</h3>

        </div>

      </div>

      <!-- Column 2 -->

      <div class="col-md-4">

        <div class="p-3 border bg-light">

          <h3>Column 2: Services</h3>

        </div>

      </div>

      <!-- Column 3 -->

      <div class="col-md-4">

        <div class="p-3 border bg-light">

          <h3>Column 3: Contact </h3>

        </div>

      </div>

    </div>

  </div>
```

```

</div>

<!-- Bootstrap JS and dependencies -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.11/dist/umd/popper.min.js"></sc
ript>

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>

```

Output:

Column 1: About Us	Column 2: Services	Column 3: Contact
--------------------	--------------------	-------------------

Q.3) Write a bootstrap application to display thumbnails of the images.

ANS:

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Image Thumbnails with Bootstrap</title>

  <!-- Bootstrap CSS -->

  <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body>

  <div class="container mt-5">

```

```
<h2 class="text-center">Image Thumbnails</h2>

<div class="row">

  <!-- Image 1 -->

  <div class="col-md-4">

    <div class="card">

      <div class="card-body">

        <p class="card-text text-center">Image 1 Description:This image is from kerala.</p>

      </div>

    </div>

  </div>

  <!-- Image 2 -->

  <div class="col-md-4">

    <div class="card">

      <div class="card-body">

        <p class="card-text text-center">Image 2 Description:This is from rajasthan.</p>

      </div>

    </div>

  </div>

  <!-- Image 3 -->

  <div class="col-md-4">

    <div class="card">

      <div class="card-body">

        <p class="card-text text-center">Image 3 Description:This image is from ladakh.</p>

      </div>

    </div>

  </div>

</div>
```



```

        </div>

    </div>

</div>

</div>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.11/dist/umd/popper.min.js"></sc
ript>

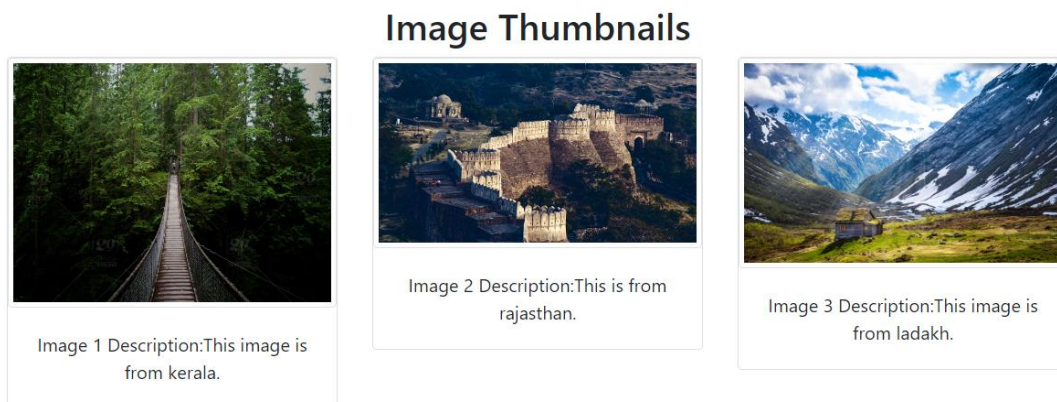
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>

```

Output:



Q.4) Create a web page being rendered in the browser consists of many things - logo, informative text, pictures, hyperlinks, navigational structure and table.

ANS:

Que4.html:

```

<!DOCTYPE html>

<html lang="en">

```

```
<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Sample Web Page</title>

  <!-- Bootstrap CSS -->

  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">

  <style>

    .logo {

      width: 100px;

      height: 70px;

    }

    .navbar-nav .nav-link {

      color: white;

    }

  </style>
</head>

<body>

  <!-- Navigation Bar -->

  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">

    <a class="navbar-brand" href="#">

    </a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
```

```
<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

  <ul class="navbar-nav ml-auto">

    <li class="nav-item">

      <a class="nav-link" href="Que4.html">Home</a>

    </li>

    <li class="nav-item">

      <a class="nav-link" href="contacts.html">Contact</a>

    </li>

  </ul>

</div>

</nav>

<!-- Informative Text Section -->

<section class="container my-5">

  <div class="row">

    <div class="col-md-8">

      <h2>Welcome to Our Website</h2>

      <p>Our company is dedicated to providing the best services to our clients. We
specialize in music field </p>

      <p>We have a dedicated team of experts who are committed to delivering high-
quality music services tailored to your needs.</p>

      <a href="https://www.example.com" class="btn btn-primary">Learn More</a>

    </div>

    <div class="col-md-4">
```


</div>

</div>

</section>

<!-- Table Section -->

<section class="container my-5">

<h2>Our Services</h2>

<table class="table table-bordered table-hover">

<thead class="thead-dark">

<tr>

<th>Types</th>

<th>Description</th>

<th>Price</th>

</tr>

</thead>

<tbody>

<tr>

<td>Classical</td>

<td>Complex, orchestral </td>

<td>Rs.5000</td>

</tr>

<tr>

<td>Jazz</td>

<td> Improvised, rhythmic</td>

```

        <td>Rs.1000</td>

    </tr>

    <tr>

        <td>Hip-Hop</td>

        <td>Rhythmic,Rap</td>

        <td>Rs.3000</td>

    </tr>

</body>

</table>

</section>

<!-- Footer Section -->

<footer class="bg-dark text-white text-center py-3">

    <p>&copy; 2024 Your Company Name. All rights reserved.</p>

    <p>

        Follow us on

        <a href="https://www.facebook.com" class="text-white">Facebook</a>,

        <a href="https://www.twitter.com" class="text-white">Twitter</a>, and

        <a href="https://www.linkedin.com" class="text-white">LinkedIn</a>.

    </p>

</footer>

<!-- Bootstrap JS and dependencies -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.11/dist/umd/popper.min.js"></sc
ript>

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

```

```
</body>
```

```
</html>
```

Contacts.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Sample Web Page</title>
```

```
  <!-- Bootstrap CSS -->
```

```
  <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
        rel="stylesheet">
```

```
  <style>
```

```
    .logo {
```

```
      width: 100px;
```

```
      height: 70px;
```

```
    }
```

```
    .navbar-nav .nav-link {
```

```
      color: white;
```

```
    }
```

```
  </style>
```

```
</head>
```

```
<body>
```

```
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
```

```
    <a class="navbar-brand" href="#">
```

```
      
```


<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav ml-auto">

<li class="nav-item">

Home

<li class="nav-item">

Contact

</div>

</nav>

<!-- Contact Us Section -->

<div class="container my-5">

<h2 class="text-center">Get In Touch</h2>

<p class="text-center">We would love to hear from you! Feel free to contact us through the details below.</p>

<div class="row">

<!-- Contact Information -->

<div class="col-md-6">

<h5>Our Office</h5>

<p>

Address:

Belhe,Junnar

</p>

<p>

Phone:

555555445

</p>

<p>

Email:

xyz@gmail.com

</p>

<p>

Business Hours:

Monday - Friday: 9:00 AM - 6:00 PM

Saturday: 10:00 AM - 4:00 PM

</p>

</div>

<!-- Map Placeholder -->

<div class="col-md-6">

<h5>Find Us on the Map</h5>

</div>

</div>

</div>


```
<!-- Footer -->

<footer class="bg-dark text-white text-center py-3">

  <p>&copy; 2024 Your Company Name. All rights reserved.</p>

  <p>

    Follow us on:

    <a href="https://www.facebook.com" class="text-white">Facebook</a>,

    <a href="https://www.twitter.com" class="text-white">Twitter</a>,

    <a href="https://www.linkedin.com" class="text-white">LinkedIn</a>

  </p>

</footer>

<!-- Bootstrap JS and dependencies -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

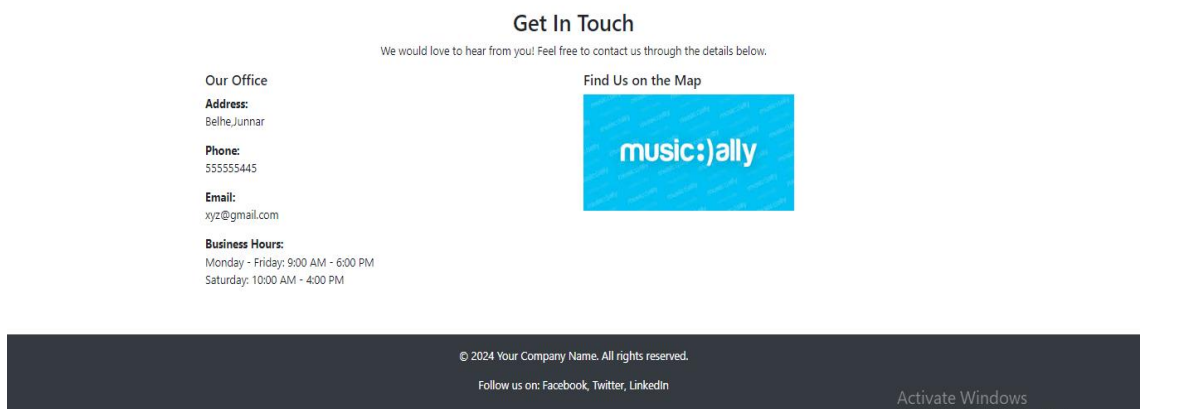
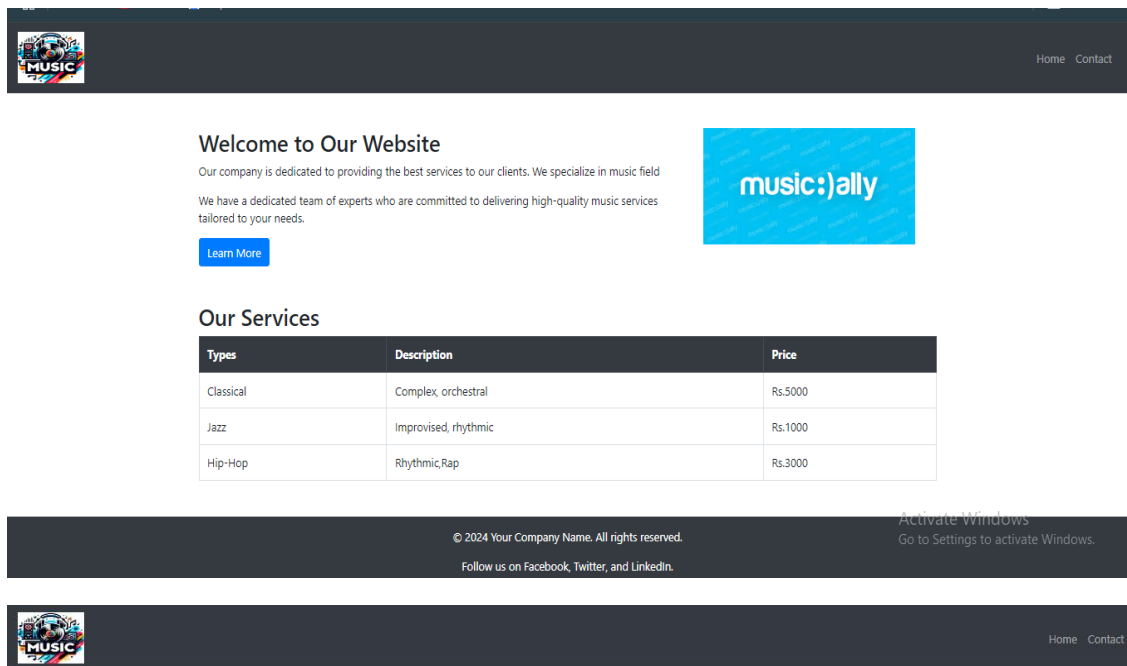
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.11/dist/umd/popper.min.js"></sc
ript>

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>
```

Output:



Q.5) Create a button with different style (Secondary, Primary, Success, Error, Info, Warning, Danger) using Bootstrap.

ANS.

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Styled Buttons</title>
```

```
<!-- Bootstrap CSS -->

<link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body>

  <div class="container my-5 text-center">

    <h2>Buttons with Different Styles</h2>

    <!-- Button Styles -->

    <button type="button" class="btn btn-primary">Primary</button>

    <button type="button" class="btn btn-secondary">Secondary</button>

    <button type="button" class="btn btn-success">Success</button>

    <button type="button" class="btn btn-danger">Danger</button>

    <button type="button" class="btn btn-warning">Warning</button>

    <button type="button" class="btn btn-info">Info</button>

    <button type="button" class="btn btn-dark">Dark</button>

    <button type="button" class="btn btn-light">Error</button>

  </div>

  <!-- Bootstrap JS and dependencies -->

  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

  <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.11/dist/umd/popper.min.js"></sc
ript>

  <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>
```

Output:



Q.6) Write an HTML 5 program for student registration form for college admission. Use input type like search, email, date etc

ANS:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Registration Form</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f2f2f2;
    }
    .container {
      max-width: 600px;
      margin: 0 auto;
      background-color: white;
      padding: 20px;
      box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
    }
    h2 {
```

```
    text-align: center;
    color: #333;
}
.form-group{
    margin-bottom: 15px;
}
label{
    font-weight: bold;
}
input, select {
    width: 100%;
    padding: 8px;
    margin: 5px 0;
    box-sizing: border-box;
}
button {
    background-color: #4CAF50;
    color: white;
    padding: 10px 20px;
    border: none;
    cursor: pointer;
    width: 100%;
}
button:hover {
    background-color: #45a049;
}
```

```
</style>

</head>

<body>

  <div class="container">

    <h2>Student Registration Form</h2>

    <form>

      <div class="form-group">

        <label for="fullName">Full Name:</label>

        <input type="text" id="fullName" name="fullName" placeholder="Enter your full
name" required>

      </div>

      <div class="form-group">

        <label for="email">Email:</label>

        <input type="email" id="email" name="email" placeholder="Enter your email"
required>

      </div>

      <!-- Phone Number -->

      <div class="form-group">

        <label for="phone">Phone Number:</label>

        <input type="tel" id="phone" name="phone" placeholder="Enter your phone
number" required>

      </div>

      <div class="form-group">

        <label for="course">Search for Course:</label>

        <input type="search" id="course" name="course" placeholder="Search for the
course you want to apply for" required>

      </div>

    </form>

  </div>

</body>

</html>
```

```
<div class="form-group">
```

```
  <label for="dob">Date of Birth:</label>
```

```
  <input type="date" id="dob" name="dob" required>
```

```
</div>
```

```
<div class="form-group">
```

```
  <label for="gender">Gender:</label><br>
```

```
  <input type="radio" id="male" name="gender" value="male" required>
```

```
  <label for="male">Male</label><br>
```

```
  <input type="radio" id="female" name="gender" value="female" required>
```

```
  <label for="female">Female</label><br>
```

```
  <input type="radio" id="other" name="gender" value="other" required>
```

```
  <label for="other">Other</label>
```

```
</div>
```

```
<div class="form-group">
```

```
  <label for="degree">Degree Program:</label>
```

```
  <select id="degree" name="degree" required>
```

```
    <option value="">-- Select Degree --</option>
```

```
    <option value="bachelor">Bachelor's Degree</option>
```

```
    <option value="master">Master's Degree</option>
```

```
    <option value="phd">PhD</option>
```

```
  </select>
```

```
</div>
```

```
<div class="form-group">
```

```
  <label for="enrollYear">Enrollment Year:</label>
```

```
  <input type="number" id="enrollYear" name="enrollYear" min="2020" max="2024"
  required>
```

```

</div>

<button type="submit">Submit Application</button>

</form>

</div>

</body>

</html>

```

Output:

Q.7) Design an appropriate HTML form for customer registration visiting a departmental store. Form should consist of fields such as name, contact no, gender, preferred days of purchasing, favorite item (to be selected from a list of items), suggestions etc. You should provide button to submit as well as reset the form contents.

ANS:

```

<!DOCTYPE html>

<html lang="en">

```



```
<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Customer Registration Form</title>

<style>

  body {

    font-family: Arial, sans-serif;

    background-color: #f9f9f9;

    margin: 0;

    padding: 20px;

  }

  .container {

    max-width: 600px;

    margin: 0 auto;

    background-color: white;

    padding: 20px;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

    border-radius: 10px;

  }

  h2 {

    text-align: center;

    color: #333;

  }

  .form-group {

    margin-bottom: 15px;

  }
```

```
label {  
    font-weight: bold;  
    display: block;  
    margin-bottom: 5px;  
}  
  
input, select, textarea {  
    width: 100%;  
    padding: 8px;  
    margin: 5px 0;  
    box-sizing: border-box;  
}  
  
.form-group-inline {  
    display: flex;  
    justify-content: space-between;  
}  
  
.form-group-inline div {  
    flex-basis: 48%;  
}  
  
button {  
    width: 48%;  
    padding: 10px;  
    margin-top: 10px;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
}
```

```
.submit-btn {
    background-color: #4CAF50;
    color: white;
}

.reset-btn {
    background-color: #f44336;
    color: white;
}

button:hover {
    opacity: 0.8;
}

</style>
</head>
<body>
    <div class="container">
        <h2>Customer Registration Form</h2>
        <form action="" method="POST">
            <!-- Name -->
            <div class="form-group">
                <label for="name">Full Name:</label>
                <input type="text" id="name" name="name" placeholder="Enter your full name"
required>
            </div>
            <!-- Contact Number -->
            <div class="form-group">
                <label for="contact">Contact Number:</label>
```

```
<input type="tel" id="contact" name="contact" placeholder="Enter your contact number" required>
```

```
</div>
```

```
<!-- Gender -->
```

```
<div class="form-group">
```

```
<label>Gender:</label>
```

```
<div class="form-group-inline">
```

```
<div>
```

```
<input type="radio" id="male" name="gender" value="male" required>
```

```
<label for="male">Male</label>
```

```
</div>
```

```
<div>
```

```
<input type="radio" id="female" name="gender" value="female" required>
```

```
<label for="female">Female</label>
```

```
</div>
```

```
<div>
```

```
<input type="radio" id="other" name="gender" value="other" required>
```

```
<label for="other">Other</label>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- Preferred Days of Purchasing -->
```

```
<div class="form-group">
```

```
<label>Preferred Days of Purchasing:</label>
```

```
<div class="form-group-inline">
```

```
<div>
```

```
        <input type="checkbox" id="weekdays" name="purchaseDays"
value="weekdays">
```

```
        <label for="weekdays">Weekdays</label>
```

```
    </div>
```

```
    <div>
```

```
        <input type="checkbox" id="weekends" name="purchaseDays"
value="weekends">
```

```
        <label for="weekends">Weekends</label>
```

```
    </div>
```

```
</div>
```

```
</div>
```

```
<!-- Favorite Item -->
```

```
<div class="form-group">
```

```
    <label for="favoriteItem">Favorite Item:</label>
```

```
    <select id="favoriteItem" name="favoriteItem" required>
```

```
        <option value="">-- Select an Item --</option>
```

```
        <option value="Groceries">Groceries</option>
```

```
        <option value="Clothing">Clothing</option>
```

```
        <option value="Electronics">Electronics</option>
```

```
        <option value="Furniture">Furniture</option>
```

```
        <option value="Cosmetics">Cosmetics</option>
```

```
    </select>
```

```
</div>
```

```
<!-- Suggestions -->
```

```
<div class="form-group">
```

```
    <label for="suggestions">Suggestions:</label>
```

```

        <textarea id="suggestions" name="suggestions" rows="4" placeholder="Enter any
suggestions"></textarea>

    </div>

    <div class="form-group-inline">

        <button type="submit" class="submit-btn">Submit</button>

        <button type="reset" class="reset-btn">Reset</button>

    </div>

</form>

</div>

</body>

</html>

```

Output:

Q.8) Create a useful web with the following information and structure using HTML5 tags like: <header>,<footer>,<nav>,<aside>,<section>

ANS:

```

<!DOCTYPE html>

<html lang="en">

<head>

```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>My Website</title>
```

```
<style>
```

```
  body {
```

```
    font-family: Arial, sans-serif;
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    background-color: #f4f4f4;
```

```
  }
```

```
  header {
```

```
    background-color: #333;
```

```
    color: white;
```

```
    padding: 10px 0;
```

```
    text-align: center;
```

```
  }
```

```
  header h1 {
```

```
    margin: 0;
```

```
  }
```

```
  nav {
```

```
    background-color: #444;
```

```
    color: white;
```

```
    padding: 10px;
```

```
    text-align: center;
```

```
  }
```

```
  nav a {
```

```
    color: white;

    margin: 0 15px;

    text-decoration: none;

    font-weight: bold;
}

nav a:hover {

    text-decoration: underline;
}

main {

    display: flex;

    flex-direction: row;

    padding: 20px;
}

aside {

    width: 30%;

    background-color: #e9e9e9;

    padding: 20px;

    box-shadow: 2px 2px 10px rgba(0, 0, 0, 0.1);
}

section {

    width: 70%;

    padding: 20px;

    background-color: white;

    box-shadow: 2px 2px 10px rgba(0, 0, 0, 0.1);

    margin-left: 20px;
}
```



```
    section h2{
        margin-top: 0;
    }
    footer{
        background-color: #333;
        color: white;
        text-align: center;
        padding: 10px;
        position: fixed;
        bottom: 0;
        width: 100%;
    }
</style>
</head>
<body>
    <!-- Header -->
    <header>
        <h1>Welcome to My Website</h1>
    </header>
    <!-- Navigation Bar -->
    <nav>
        <a href="#home">Home</a>
        <a href="#about">About</a>
        <a href="#services">Services</a>
        <a href="#contact">Contact</a>
    </nav>
```

<main>

<!-- Sidebar (Aside) -->

<aside>

<h2>Latest News</h2>

New product launch in November

Free webinar on web development

Our latest blog post

</aside>

<!-- Main Section -->

<section>

<h2>About Us</h2>

<p>Welcome to our website! We are a dynamic company offering top-notch services in the field of web development, digital marketing, and business consultation. Our team consists of highly skilled professionals dedicated to helping your business thrive in the digital world.</p>

<h2>Our Services</h2>

<p>We offer a wide range of services to meet your business needs:</p>

Web Design & Development

Search Engine Optimization (SEO)

Social Media Marketing

Content Creation & Strategy

Business Consultation

</section>

```

</main>

<!-- Footer -->

<footer>

    <p>&copy; 2024 My Website | All Rights Reserved</p>

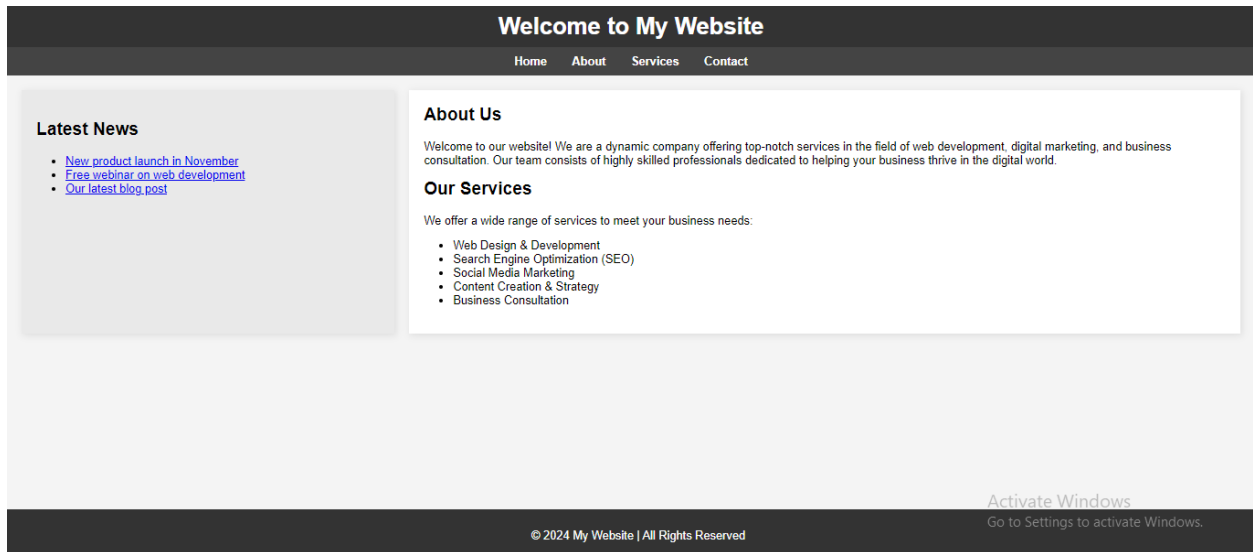
</footer>

</body>

</html>

```

Output:



Q.9) Design an HTML form to take the information of a customer for booking a travel plan consisting of fields such as name, address, contact no., gender, preferred season(Checkboxes), location type(to be selected from a list) etc. You should provide button to submit as well as reset the form contents.

ANS:

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```
<title>Travel Plan Booking</title>
```

```
<style>
```

```
body{
```

```
    font-family: Arial, sans-serif;
```

```
    background-color: #f7f7f7;
```

```
    margin: 0;
```

```
    padding: 0;
```

```
}
```

```
.container{
```

```
    max-width: 600px;
```

```
    margin: 50px auto;
```

```
    padding: 20px;
```

```
    background-color: white;
```

```
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
```

```
    border-radius: 10px;
```

```
}
```

```
h2{
```

```
    text-align: center;
```

```
    color: #333;
```

```
}
```

```
.form-group{
```

```
    margin-bottom: 15px;
```

```
}
```

```
label{
```

```
    display: block;
```

```
    font-weight: bold;
```

```
        margin-bottom: 5px;
    }
    input[type="text"],
    input[type="tel"],
    textarea,
    select {
        width: 100%;
        padding: 8px;
        margin-bottom: 10px;
        border: 1px solid #ccc;
        border-radius: 5px;
    }
    .form-group-inline {
        display: flex;
        justify-content: space-between;
        align-items: center;
        margin-bottom: 10px;
    }
    .form-group-inline label {
        margin-right: 10px;
    }
    .form-group-inline input[type="radio"],
    .form-group-inline input[type="checkbox"] {
        margin-right: 5px;
    }
    .buttons {
```

```
        text-align: center;
        margin-top: 20px;
    }
    button {
        padding: 10px 20px;
        margin: 5px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
    }
    .submit-btn {
        background-color: #4CAF50;
        color: white;
    }
    .reset-btn {
        background-color: #f44336;
        color: white;
    }
    button:hover {
        opacity: 0.8;
    }
</style>
</head>
<body>
    <div class="container">
        <h2>Travel Plan Booking Form</h2>
```

```
<form action="" method="POST">

  <!-- Customer Name -->

  <div class="form-group">

    <label for="name">Full Name:</label>

    <input type="text" id="name" name="name" placeholder="Enter your full name"
required>

  </div>

  <!-- Customer Address -->

  <div class="form-group">

    <label for="address">Address:</label>

    <textarea id="address" name="address" rows="3" placeholder="Enter your
address" required></textarea>

  </div>

  <!-- Contact Number -->

  <div class="form-group">

    <label for="contact">Contact Number:</label>

    <input type="tel" id="contact" name="contact" placeholder="Enter your contact
number" required>

  </div>

  <!-- Gender -->

  <div class="form-group">

    <label>Gender:</label>

    <div class="form-group-inline">

      <label for="male">

        <input type="radio" id="male" name="gender" value="male" required>

        Male

      </label>
```

```
<label for="female">
```

```
  <input type="radio" id="female" name="gender" value="female" required>
```

```
  Female
```

```
</label>
```

```
<label for="other">
```

```
  <input type="radio" id="other" name="gender" value="other" required>
```

```
  Other
```

```
</label>
```

```
</div>
```

```
</div>
```

```
<!-- Preferred Season -->
```

```
<div class="form-group">
```

```
  <label>Preferred Season for Travel:</label>
```

```
  <div class="form-group-inline">
```

```
    <label for="spring">
```

```
      <input type="checkbox" id="spring" name="season" value="spring">
```

```
      Spring
```

```
    </label>
```

```
    <label for="summer">
```

```
      <input type="checkbox" id="summer" name="season" value="summer">
```

```
      Summer
```

```
    </label>
```

```
    <label for="autumn">
```

```
      <input type="checkbox" id="autumn" name="season" value="autumn">
```

```
      Autumn
```

```
    </label>
```



```
<label for="winter">

    <input type="checkbox" id="winter" name="season" value="winter">

    Winter

</label>

</div>

</div>

<!-- Location Type -->

<div class="form-group">

    <label for="locationType">Preferred Location Type:</label>

    <select id="locationType" name="locationType" required>

        <option value="">-- Select Location Type --</option>

        <option value="beach">Beach</option>

        <option value="mountain">Mountain</option>

        <option value="city">City</option>

        <option value="countryside">Countryside</option>

        <option value="desert">Desert</option>

    </select>

</div>

<!-- Buttons: Submit and Reset -->

<div class="buttons">

    <button type="submit" class="submit-btn">Submit</button>

    <button type="reset" class="reset-btn">Reset</button>

</div>

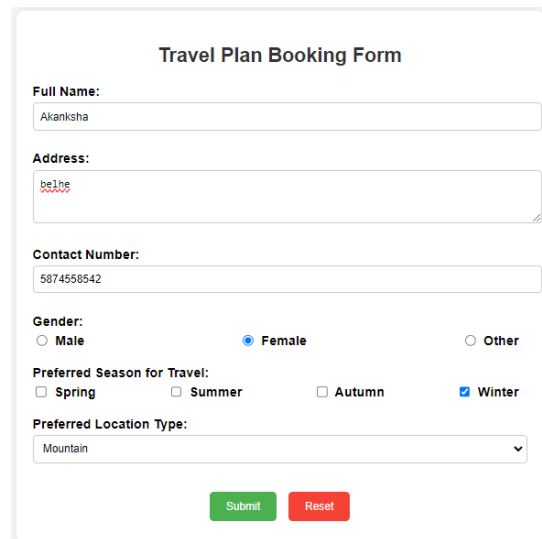
</form>

</div>

</body>
```

</html>

Output:



Q.10) Create HTML web-page using Bootstrap as shown below

ANS:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Registration Form</title>
```

```
  <!-- Bootstrap CSS -->
```

```
  <link
```

```
    href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
    rel="stylesheet">
```

```
</head>
```

```
<body>

<div class="container mt-5">

  <div class="row justify-content-center">

    <div class="col-md-6">

      <div class="card">

        <div class="card-header text-center bg-light">

          <h4>Registration Form</h4>

        </div>

        <div class="card-body">

          <form>

            <!-- First Name -->

            <div class="form-group">

              <label for="firstName">First Name</label>

              <input type="text" class="form-control" id="firstName" placeholder="First
Name">

            </div>

            <!-- Last Name -->

            <div class="form-group">

              <label for="lastName">Last Name</label>

              <input type="text" class="form-control" id="lastName" placeholder="Last
Name">

            </div>

            <!-- Department / Office -->

            <div class="form-group">

              <label for="department">Department / Office</label>

              <select class="form-control" id="department">
```

```
        <option>Select your Department/Office</option>
        <option>HR</option>
        <option>Marketing</option>
        <option>Development</option>
    </select>
</div>

<!-- Username -->
<div class="form-group">
    <label for="username">Username</label>

    <input type="text" class="form-control" id="username"
placeholder="Username">
</div>

<!-- Password -->
<div class="form-group">
    <label for="password">Password</label>

    <input type="password" class="form-control" id="password"
placeholder="Password">
</div>

<!-- Confirm Password -->
<div class="form-group">
    <label for="confirmPassword">Confirm Password</label>

    <input type="password" class="form-control" id="confirmPassword"
placeholder="Confirm Password">
</div>

<!-- Email -->
<div class="form-group">
    <label for="email">Email</label>
```

```
        <input type="email" class="form-control" id="email" placeholder="Email">
    </div>

    <!-- Contact Number -->

    <div class="form-group">

        <label for="contact">Contact No.</label>

        <input type="tel" class="form-control" id="contact" placeholder="(999) 999-
            9999">

    </div>

    <!-- Submit Button -->

    <button type="submit" class="btn btn-warning btn-block">Submit</button>

</form>

</div>

</div>

</div>

</div>

</div>

<!-- Bootstrap JS and dependencies -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.9/dist/umd/popper.min.js"></scri
pt>

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>
```

Output:

Registration Form

First Name

Akanksha

Last Name

Gite

Department / Office

Select your Department/Office

Username

akanksha

Password

Confirm Password

Email

akankshagite072@gmail.com

Contact No.

455554526

Submit