

Lab 3 Bootstrap

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Section: CSE D- D2

Roll No: 39

Q1. Design the student bio-data form using button, label, textbox, radio button, table and checkbox.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Student Bio-data</title>
  <link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/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/4.4.1/js/bootstrap.min.js"></script>
</head>
<body>
<div class="container">
<h2 class="text-center">Student Bio-Data Form</h2>
  <form>
    <div class="form-group">
      <label for="name">Full Name:</label>
      <input type="text" class="form-control" id="name" placeholder="Enter your full
name" required>
    </div>
    <div class="form-group">
      <label for="email">Email:</label>
      <input type="email" class="form-control" id="email" placeholder="Enter your email"
required>
```

```
</div>

<div class="form-group">
  <label for="dob">Date of Birth:</label>
  <input type="date" class="form-control" id="dob" required>
</div>

<div class="form-group">
  <label>Gender:</label><br>
  <div class="form-check form-check-inline">
    <input class="form-check-input" type="radio" name="gender" id="male"
value="male" required>
    <label class="form-check-label" for="male">Male</label>
  </div>
  <div class="form-check form-check-inline">
    <input class="form-check-input" type="radio" name="gender" id="female"
value="female">
    <label class="form-check-label" for="female">Female</label>
  </div>
  <div class="form-check form-check-inline">
    <input class="form-check-input" type="radio" name="gender" id="other"
value="other">
    <label class="form-check-label" for="other">Other</label>
  </div>
</div>

<div class="form-group">
  <label for="address">Address:</label>
  <textarea class="form-control" id="address" rows="3" placeholder="Enter your
address" required></textarea>
</div>

<div class="form-group">
  <label>Hobbies:</label><br>
  <div class="form-check">
    <input class="form-check-input" type="checkbox" id="hobby1" value="Reading">
    <label class="form-check-label" for="hobby1">Reading</label>
  </div>
  </div>
```

```
<div class="form-check">
  <input class="form-check-input" type="checkbox" id="hobby2" value="Sports">
  <label class="form-check-label" for="hobby2">Sports</label>
</div>
<div class="form-check">
  <input class="form-check-input" type="checkbox" id="hobby3" value="Music">
  <label class="form-check-label" for="hobby3">Music</label>
</div>
<div class="form-check">
  <input class="form-check-input" type="checkbox" id="hobby4" value="Traveling">
  <label class="form-check-label" for="hobby4">Traveling</label>
</div>
</div>
<div class="form-group">
  <label>Choose Course:</label><br>
  <div class="form-check">
    <input class="form-check-input" type="radio" name="course" id="course1"
value="B.Tech." required>
    <label class="form-check-label" for="course1">B.Tech.</label>
  </div>
  <div class="form-check">
    <input class="form-check-input" type="radio" name="course" id="course2"
value="B.Sc.">
    <label class="form-check-label" for="course2">B.Sc.</label>
  </div>
  <div class="form-check">
    <input class="form-check-input" type="radio" name="course" id="course3"
value="PhD">
    <label class="form-check-label " for="course3">PhD</label>
  </div>
  <div class="form-check">
    <input class="form-check-input" type="radio" name="course" id="course4"
value="Diploma">
    <label class="form-check-label" for="course4">Diploma</label>
```

```

        </div>
    </div>
    <div class="text-center">
        <button type="submit" class="btn btn-primary">Submit</button>
        <button type="reset" class="btn btn-secondary">Reset</button>
    </div>
</form>
</div>
</body>
</html>

```

The screenshot shows a web browser window with the title "Student Bio-Data Form". The form contains the following fields and data:

- Full Name: Ketan Goud
- Email: ketangoud926@gmail.com
- Date of Birth: 25-07-2003
- Gender: ☒ Male ☐ Female ☐ Other
- Address: Nizamabad
- Hobbies: ☐ Reading ☒ Sports ☒ Music ☒ Traveling
- Choose Course: ☒ B.Tech. ☐ B.Sc. ☐ PhD ☐ Diploma

At the bottom of the form are two buttons: "Submit" and "Reset". The browser's address bar shows the file path: C:/Sem_6%20labs/WP%20Lab/Lab%203/q1.html.

Q2. Design a web page which shows the database-oriented CRUD operation. Consider Employee data.

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Employee CRUD Operations</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">

```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/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/4.4.1/js/bootstrap.min.js"></script>

<style>

    .hidden {

        display: none;

    }

</style>
</head>
<body>
<div class="container mt-5">

    <h2 class="text-center">Employee CRUD Operations</h2>

    <form id="employeeForm" class="mb-4">

        <input type="hidden" id="employeeId">

        <div class="form-group">

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

            <input type="text" class="form-control" id="name" placeholder="Enter employee
name" required>

        </div>

        <div class="form-group">

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

            <input type="email" class="form-control" id="email" placeholder="Enter employee
email" required>

        </div>

        <div class="form-group">

            <label for="position">Position:</label>

            <input type="text" class="form-control" id="position" placeholder="Enter employee
position" required>

        </div>

        <button type="submit" class="btn btn-primary">Add Employee</button>

    </form>
```

```

<h3>Employee List</h3>
<table class="table table-bordered">
  <thead>
    <tr>
      <th>ID</th>
      <th>Name</th>
      <th>Email</th>
      <th>Position</th>
      <th>Actions</th>
    </tr>
  </thead>
  <tbody id="employeeTableBody">
    <!-- Employee data will be appended here -->
  </tbody>
</table>
</div>
<script>
  let employees = [];
  let currentId = 0;
  document.getElementById('employeeForm').addEventListener('submit', function(event)
  {
    event.preventDefault();
    const name = document.getElementById('name').value;
    const email = document.getElementById('email').value;
    const position = document.getElementById('position').value;
    if (document.getElementById('employeeId').value)
    {
      // Update existing employee
      const id = document.getElementById('employeeId').value;
      employees[id] = { name, email, position };
      document.getElementById('employeeId').value = "";
    }
  }

```

```

else
{
  // Add new employee
  employees.push({ name, email, position });
  currentId++;
}
renderTable();
this.reset();
});
function renderTable()
{
  const tableBody = document.getElementById('employeeTableBody');
  tableBody.innerHTML = "";
  employees.forEach((employee, index) =>
  {
    const row = `<tr>
      <td>${index}</td>
      <td>${employee.name}</td>
      <td>${employee.email}</td>
      <td>${employee.position}</td>
      <td>
        <button class="btn btn-warning btn-sm"
onclick="editEmployee(${index})">Edit</button>
        <button class="btn btn-danger btn-sm"
onclick="deleteEmployee(${index})">Delete</button>
      </td>
    </tr>`;
    tableBody.innerHTML += row;
  });
}
function editEmployee(index)
{
  const employee = employees[index];

```

```

        document.getElementById('name').value = employee.name;
        document.getElementById('email').value = employee.email;
        document.getElementById('position').value = employee.position;
        document.getElementById('employeeId').value = index;
    }
    function deleteEmployee(index)
    {
        employees.splice(index, 1);
        renderTable();
    }
</script>
</body>
</html>

```



Employee CRUD Operations

Name:

Email:

Position:

[Add Employee](#)

Employee List

ID	Name	Email	Position	Actions
0	Ketan Goud	ketangoud926@gmail.com	Engineer	Edit Delete
1	Sidharth	ak@gmail.com	Intern	Edit Delete



Q3. Create a web page bootstrap as mentioned. Divide the page into 2 parts top and bottom, then divide the bottom into 3 parts and design each top and bottom part using different input groups, input, badges and button groups. Make the design more attractive.

```

<!DOCTYPE html>
<html lang="en">
<head>

```



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

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

<title>Health and Wellness Fair - Government of [Your Area]</title>

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/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/4.4.1/js/bootstrap.min.js"></script>

<style>

  body {

    background-color: #e9ecef;

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

  }

  .section {

    padding: 30px;

    border-radius: 15px;

    margin-bottom: 30px;

    box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);

  }

  .top-section {

    background-color: #28a745;

    color: white;

  }

  .bottom-section {

    background-color: #ffffff;

    border: 1px solid #dee2e6;

  }

  .part {

    padding: 15px;

    border: 1px solid #dee2e6;

    border-radius: 5px;

    margin-bottom: 10px;
```

```

        transition: transform 0.2s;
    }
    .part:hover {
        transform: scale(1.02);
        box-shadow: 0 4px 15px rgba(0, 0, 0, 0.2);
    }
    .badge {
        margin-right: 5px;
    }
    .btn-group-vertical .btn {
        margin-bottom: 10px;
    }
    #feedback {
        height: 150px;
    }
</style>
</head>
<body>
<div class="container mt-5">
    <div class="section top-section text-center">
        <h2>Join Us for the Annual Health and Wellness Fair</h2>
        <p>Explore health resources, fitness activities, and wellness workshops for a healthier
you!</p>
        <div class="input-group mb-3">
            <input type="text" class="form-control" placeholder="Enter details to search" aria-
label="RSVP">
            <div class="input-group-append">
                <button class="btn btn-light" type="button">Search</button>
            </div>
        </div>
        <span class="badge badge-light">Free Entry</span>
        <span class="badge badge-light">Family Friendly</span>
    </div>

```

```
<div class="section bottom-section">

  <div class="row">

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

      <h4>Register Here</h4>

      <form>

        <div class="form-group">

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

          <input type="text" class="form-control" id="name" placeholder="Enter your
name" required>

        </div>

        <div class="form-group">

          <label for="age">Age:</label>

          <input type="text" class="form-control" id="age" placeholder="Enter your age"
required>

        </div>

        <div class="form-group">

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

          <input type="email" class="form-control" id="email" placeholder="Enter your
email" required>

        </div>

        <button type="submit" class="btn btn-primary">Register</button>

      </form>

    </div>

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

      <h4>Feedback</h4>

      <form>

        <div class="form-group">

          <label for="feedback">Your Feedback:</label>

          <textarea class="form-control" id="feedback" rows="5" placeholder="Share
your feedback" required></textarea>

        </div>

        <button type="submit" class="btn btn-success">Send Feedback</button>

      </form>

    </div>

  </div>

</div>
```

```

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

    <h4>Quick Actions</h4>

    <div class="btn-group-vertical">

        <button type="button" class="btn btn-info">View Workshop Schedule</button>

        <button type="button" class="btn btn-warning">Submit Health Query</button>

        <button type="button" class="btn btn-danger">Report an Issue</button>

        <button type="button" class="btn btn-secondary">Request Health
Resources</button>

        <button type="button" class="btn btn-primary">Join Fitness Challenge</button>

    </div>

</div>

</div>

</div>

</div>

</body>

</html>

```

