Name: Sapthami Upadhya
Section: CSE A
Roll No.: 15
Reg. No.: 230905090

Week 3

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

- HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Biodata</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/css/bootstrap.min.c
ss" rel="stylesheet" integrity="sha384-
sRIl4kxILFvY47J16cr9ZwB07vP4J8+LH7qKQnuqkuIAvNWLzeN8tE5YBujZqJLB"
crossorigin="anonymous">
    <script defer
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/js/bootstrap.bundle.
min.js" integrity="sha384-
FKyoEForCGlyvwx9Hj09JcYn3nv7wiPVlz7YYwJrWVcXK/BmnVDxM+D2scQbITxI"
crossorigin="anonymous"></script>
</head>
<body>
    <div class="container mt-4">
        <h1 class="text-center mb-4">Student Biodata</h1>
        <form>
            <h3>Personal Information</h3>
            <div class="row mb-3">
                <label for="name" class="col-sm-3 col-form-label">Name:
</label>
                <div class="col-sm-6">
                    <input type="text" id="name" class="form-control"
required>
                </div>
            </div>
            <div class="row mb-3">
                <label for="gend" class="col-sm-3 col-form-label">Gender:
</label>
                <div class="col-sm-6">
                    <select id="gend" class="form-select">
                        <option value="Male">Male</option>
                        <option value="Female">Female</option>
                        <option value="Other">Other</option>
                    </select>
                </div>
            </div>
```

```html
            <div class="row mb-3">
                <label for="bdate" class="col-sm-3 col-form-label">Date of
Birth:</label>
                <div class="col-sm-6">
                    <input type="date" id="bdate" class="form-control">
                </div>
            </div>

            <h3>Contact Info</h3>
            <div class="row mb-3">
                <label for="email" class="col-sm-3 col-form-label">Email
ID:</label>
                <div class="col-sm-6">
                    <input type="email" id="email" class="form-control">
                </div>
            </div>
            <div class="row mb-3">
                <label for="phone" class="col-sm-3 col-form-label">Phone
Number:</label>
                <div class="col-sm-6">
                    <input type="tel" id="phone" class="form-control">
                </div>
            </div>
            <div class="row mb-3">
                <label for="addr" class="col-sm-3 col-form-label">Address:
</label>
                <div class="col-sm-6">
                    <textarea id="addr" class="form-control"></textarea>
                </div>
            </div>
            <h3>Academic Info</h3>
            <div class="row mb-3">
                <label for="course" class="col-sm-3 col-form-label">Course:
</label>
                <div class="col-sm-6">
                    <input type="text" id="course" class="form-control">
                </div>
            </div>
            <div class="row mb-3">
                <label for="dept" class="col-sm-3 col-form-
label">Department:</label>
                <div class="col-sm-6">
                    <input type="text" id="dept" class="form-control">
                </div>
            </div>
            <div class="row mb-3">
                <label for="year" class="col-sm-3 col-form-label">Year:
</label>
                <div class="col-sm-6">
                    <input type="number" id="year" class="form-control"
min="1" max="4">
                </div>
            </div>
            <div class="row mb-3">
```

```html
                    <label for="file" class="col-sm-3 col-form-label">Upload
your passport-sized photo:</label>
                    <div class="col-sm-6">
                        <input type="file" id="file" class="form-control"
accept="image/*" min="1" max="4">
                    </div>
                </div>
                <div class="row mb-3">
                    <div class="col-sm-9 text-center">
                        <button type="submit" class="btn btn-
primary">Submit</button>
                        <button type="reset" class="btn btn-
secondary">Reset</button>
                    </div>
                </div>

        </form>
    </div>
</body>
</html>
```

- Output:

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

- HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Employee CRUD</title>
     <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/css/bootstrap.min.c
ss" rel="stylesheet" integrity="sha384-
sRIl4kxILFvY47J16cr9ZwB07vP4J8+LH7qKQnuqkuIAvNWLzeN8tE5YBujZqJLB"
crossorigin="anonymous">
```

```html
    <script defer
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/js/bootstrap.bundle.
min.js" integrity="sha384-
FKyoEForCGlyvwx9Hj09JcYn3nv7wiPVlz7YYwJrWVcXK/BmnVDxM+D2scQbITxI"
crossorigin="anonymous"></script>
    <script src="https://code.jquery.com/jquery-4.0.0.min.js"></script>
    <script src="ex2.js" defer></script>
</head>
<body>
    <div class="bg-light">
        <div class="container mt-5">
            <div class="card">
                <div class="card-header bg-primary text-white text-center">
                    <h4>Employee Management</h4>
                </div>
                <div class="card-body">
                    <form id="empform" class="row g-3 mb-4">
                        <input type="hidden" id="editindex">
                        <div class="col-md-3">
                            <input type="number" id="id" class="form-
control" placeholder="Employee ID" required>
                        </div>
                        <div class="col-md-3">
                            <input type="text" id="name" class="form-
control" placeholder="Name" required>
                        </div>
                        <div class="col-md-3">
                            <input type="text" id="dept" class="form-
control" placeholder="Department" required>
                        </div>
                        <div class="col-md-3">
                            <input type="number" id="salary" class="form-
control" placeholder="Salary" required>
                        </div>
                        <div class="col-md-1 d-grid">
                            <button class="btn btn-success"
type="submit">Save</button>
                        </div>
                    </form>
                    <table class="table table-bordered table-striped text-
center">
                        <thead class="table-dark">
                            <tr>
                                <th>ID</th>
                                <th>Name</th>
                                <th>Dept</th>
                                <th>Salary</th>
                                <th>Actions</th>
                            </tr>
                        </thead>
                        <tbody id="emptable">
                        </tbody>
                    </table>
                </div>
```

/

```html
            </div>
        </div>
    </div>
</body>
</html>
```

- JS:

```javascript
let employees = [];
function showtable(){
    $("#emptable").html("");
    for(let i = 0; i < employees.length; i++){
        $("#emptable").append(
            `<tr>
                <td>${employees[i].id}</td>
                <td>${employees[i].name}</td>
                <td>${employees[i].dept}</td>
                <td>${employees[i].salary}</td>
                <td>
                    <button class="btn btn-sm btn-warning" onclick="editemp(${i})">Edit</button>
                    <button class="btn btn-sm btn-danger" onclick="deleteemp(${i})">Delete</button>
                </td>
            </tr>
            `
        )
    }
}
$(document).ready(function(){
    $("#empform").submit(function(e){
        e.preventDefault();
        let emp = {
            id: $("#id").val(),
            name: $("#name").val(),
            dept:$("#dept").val(),
            salary: $("#salary").val()
        };
        let pos = $("#editindex").val();
        if(pos == "") employees.push(emp);
        else{
            employees[pos] = emp;
            $("#editindex").val("");
        }
        this.reset();
        showtable();
    })
});
function deleteemp(i){
    employees.splice(i, 1);
    showtable();
}
```
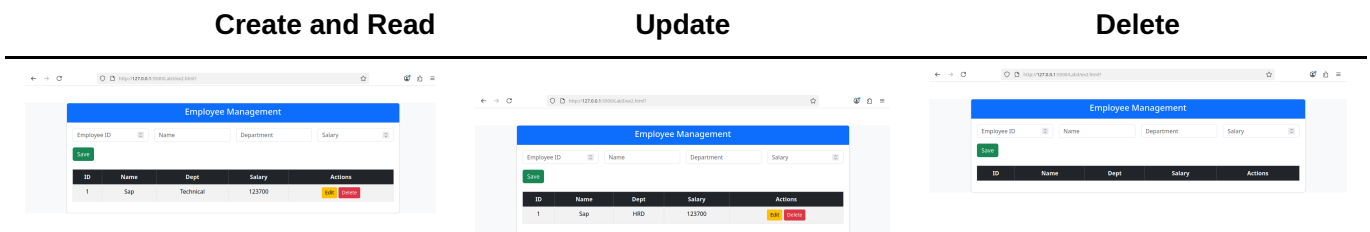
```
function editemp(i){
    $("#id").val(employees[i].id);
    $("#name").val(employees[i].name);
    $("#dept").val(employees[i].dept);
    $("#salary").val(employees[i].salary);
    $("#editindex").val(i);
}
```

- Output:

Create and Read	Update	Delete

3. Create a web page using 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, buttons and button groups. Make the design more attractive.

- HTML:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Web Page</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/css/bootstrap.min.c
ss" rel="stylesheet" integrity="sha384-
sRIl4kxILFvY47J16cr9ZwB07vP4J8+LH7qKQnuqkuIAvNWLzeN8tE5YBujZqJLB"
crossorigin="anonymous">
    <script defer
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/js/bootstrap.bundle.
min.js" integrity="sha384-
FKyoEForCGlyvwx9Hj09JcYn3nv7wiPVlz7YYwJrWVcXK/BmnVDxM+D2scQbITxI"
crossorigin="anonymous"></script>

</head>
<body>
    <div class="container mt-4">
        <div class="card mb-4 p-3">
            <h5>Top Section <span class="badge bg-primary">New</span></h5>
            <div class="input-group mb-3">
```

```html
                    <span class="input-group-text">Search</span>
                    <input type="text" class="form-control" placeholder="Type
here">
                    <button class="btn btn-success">Go</button>
            </div>
            <button class="btn btn-primary">Submit</button>
            <button class="btn btn-outline-secondary">Cancel</button>
        </div>
        <div class="row">
            <div class="col-md-4">
                <div class="card p-3 mb-3">
                    <h6>User Info <span class="badge bg-
success">Active</span></h6>
                    <input type="text" class="form-control mb-2"
placeholder="Name">
                    <input type="email" class="form-control mb-2"
placeholder="Email">
                    <button class="btn btn-sm btn-primary">Save</button>
                </div>
            </div>
            <div class="col-md-4">
                <div class="card p-3 mb-3 text-center">
                    <h6>Actions</h6>
                    <div class="btn-group">
                        <button class="btn btn-warning">Edit</button>
                        <button class="btn btn-danger">Delete</button>
                        <button class="btn btn-success">View</button>
                    </div>
                </div>
            </div>
            <div class="col-md-4">
                <div class="card p-3 mb-3">
                    <h6>Login <span class="badge bg-info">Secure</span>
</h6>
                    <div class="input-group mb-2">
                        <span class="input-group-text">@</span>
                        <input type="text" class="form-control"
placeholder="Username">
                    </div>
                    <input type="password" class="form-control mb-2"
placeholder="Password">
                    <button class="btn btn-dark btn-sm">Login</button>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```

/

- Output:

4. Design your class timetable using bootstrap table and carousel.

- HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Timetable</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/css/bootstrap.min.c
ss" rel="stylesheet" integrity="sha384-
sRIl4kxILFvY47J16cr9ZwB07vP4J8+LH7qKQnuqkuIAvNWLzeN8tE5YBujZqJLB"
crossorigin="anonymous">
    <script defer
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/js/bootstrap.bundle.
min.js" integrity="sha384-
FKyoEForCGlyvwx9Hj09JcYn3nv7wiPVlz7YYwJrWVcXK/BmnVDxM+D2scQbITxI"
crossorigin="anonymous"></script>
</head>
<body>
```

```html
    <div class="container mt-4">
        <h3 class="text-center mb-4">Class Timetable</h3>
        <div class="carousel slide" id="ttcarousel" data-bs-
ride="carousel">
            <div class="carousel-inner">
                <div class="carousel-item active">
                    <h5 class="text-center">Monday</h5>
                    <table class="table table-bordered table-striped text-
center">
                        <tr class="table-dark">
                            <th>Time</th>
                            <th>Subject</th>
                        </tr>
                        <tr>
                            <td>9-10</td>
                            <td>BDA</td>
                        </tr>
                        <tr>
                            <td>10-11</td>
                            <td>PCAP</td>
                        </tr>
                        <tr>
                            <td>11-12</td>
                            <td>EEFM</td>
                        </tr>
                        <tr>
                            <td>1-2</td>
                            <td>WPL</td>
                        </tr>
                    </table>
                </div>
                <div class="carousel-item">
                    <h5 class="text-center">Tuesday</h5>
                    <table class="table table-bordered table-striped text-
center">
                        <tr class="table-dark">
                            <th>Time</th>
                            <th>Subject</th>
                        </tr>
                        <tr>
                            <td>9-10</td>
                            <td>BDA</td>
                        </tr>
                        <tr>
                            <td>10-11</td>
                            <td>EEFM</td>
                        </tr>
                        <tr>
                            <td>11-12</td>
                            <td>CD</td>
                        </tr>
                        <tr>
                            <td>1-2</td>
                            <td>PCAP</td>
```

```
                </tr>
            </table>
        </div>
        <div class="carousel-item">
            <h5 class="text-center">Wednesday</h5>
            <table class="table table-bordered table-striped text-center">
                <tr class="table-dark">
                    <th>Time</th>
                    <th>Subject</th>
                </tr>
                <tr>
                    <td>9-10</td>
                    <td>PCAP</td>
                </tr>
                <tr>
                    <td>10-11</td>
                    <td>PPL</td>
                </tr>
                <tr>
                    <td>11-12</td>
                    <td>WPL</td>
                </tr>
                <tr>
                    <td>1-2</td>
                    <td>CDL</td>
                </tr>
            </table>
        </div>
    </div>
    <button class="carousel-control-prev" type="button" data-bs-target="#ttcarousel" data-bs-slide="prev">
    <span class="carousel-control-prev-icon"></span>
    </button>
    <button class="carousel-control-next" type="button" data-bs-target="#ttcarousel" data-bs-slide="next">
    <span class="carousel-control-next-icon"></span>
    </button>
    </div>
    </div>
</body>
</html>
```

- Output: