DBMS Lab

```php
<?php
include 'db.php';

$sql = "CREATE TABLE IF NOT EXISTS Employees (
    id INT PRIMARY KEY AUTO_INCREMENT,
    name VARCHAR(50) NOT NULL,
    position VARCHAR(50) NOT NULL,
    salary DECIMAL(10, 2) NOT NULL,
    department VARCHAR(50) NOT NULL
)";

if ($conn->query($sql) === TRUE) {
    echo "Table Employees created successfully";
} else {
    echo "Error creating table: " . $conn->error;
}

$conn->close();
?>
```

```php
<?php
$servername = "localhost";
$username = "tanush"; // Replace with your MySQL username
$password = "mypassword"; // Replace with your MySQL password
$dbname = "employee_db";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
?>
```

```php
<?php
include 'db.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $id = $_POST['id'];

    $sql = "DELETE FROM Employees WHERE id=$id";

    if ($conn->query($sql) === TRUE) {
        echo "Employee deleted successfully";
    } else {
        echo "Error deleting employee: " . $conn->error;
    }
}
?>
```

```html
<form method="post" action="">
   ID: <input type="number" name="id" required><br>
   <input type="submit" value="Delete Employee">
</form>
```

```html
<!DOCTYPE html>
<html>
<head>
   <title>Employee Management</title>
</head>
<body>
   <h1>Employee Management System</h1>
   <ul>
     <li><a href="create.php">Create Table</a></li>
     <li><a href="insert.php">Insert Employee</a></li>
     <li><a href="select.php">View Employees</a></li>
     <li><a href="update.php">Update Employee</a></li>
     <li><a href="delete.php">Delete Employee</a></li>
   </ul>
</body>
</html>
```

```php
<?php
include 'db.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {
   $name = $_POST['name'];
   $position = $_POST['position'];
   $salary = $_POST['salary'];
   $department = $_POST['department'];

   $sql = "INSERT INTO Employees (name, position, salary, department) VALUES ('$name',
'$position', $salary, '$department')";

   if ($conn->query($sql) === TRUE) {
     echo "New employee added successfully";
   } else {
     echo "Error: " . $sql . "<br>" . $conn->error;
   }
}
?>
<form method="post" action="">
   Name: <input type="text" name="name" required><br>
   Position: <input type="text" name="position" required><br>
   Salary: <input type="number" step="0.01" name="salary" required><br>
   Department: <input type="text" name="department" required><br>
   <input type="submit" value="Add Employee">
</form>
```

```php
<?php
include 'db.php';

$sql = "SELECT * FROM Employees";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    echo "<table border='1'>
    <tr>
    <th>ID</th>
    <th>Name</th>
    <th>Position</th>
    <th>Salary</th>
    <th>Department</th>
    </tr>";

    while ($row = $result->fetch_assoc()) {
        echo "<tr>
        <td>{$row['id']}</td>
        <td>{$row['name']}</td>
        <td>{$row['position']}</td>
        <td>{$row['salary']}</td>
        <td>{$row['department']}</td>
        </tr>";
    }
    echo "</table>";
} else {
    echo "0 results";
}

$conn->close();
?>
```

```php
<?php
include 'db.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $id = $_POST['id'];
    $name = $_POST['name'];
    $position = $_POST['position'];
    $salary = $_POST['salary'];
    $department = $_POST['department'];

    $sql = "UPDATE Employees SET name='$name', position='$position', salary=$salary,
department='$department' WHERE id=$id";

    if ($conn->query($sql) === TRUE) {
        echo "Employee updated successfully";
    } else {
        echo "Error updating employee: " . $conn->error;
    }
}
?>
```

```html
<form method="post" action="">
    ID: <input type="number" name="id" required><br>
    Name: <input type="text" name="name" required><br>
    Position: <input type="text" name="position" required><br>
    Salary: <input type="number" step="0.01" name="salary" required><br>
    Department: <input type="text" name="department" required><br>
    <input type="submit" value="Update Employee">
</form>
```