



CSE 482L: Internet and Web Technologies
Faculty: Md Naqib Imtiaz Hussain
Instructor: Shabbir Ahmed

- Procedure based database handling
- Form validation with PHP

Connect to database:

connection.php

```
$servername = "localhost";
$username = "username";
$password = "password";

// Create connection
$conn = mysqli_connect($servername, $username, $password);

// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
echo "Connected successfully";
```

insert.php

```
$sql = "INSERT INTO MyGuests (firstname, lastname, email)
VALUES ('John', 'Doe', 'john@example.com')";

if (mysqli_query($conn, $sql)) {
    echo "New record created successfully";
} else {
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}
```

select.php

```
$sql = "SELECT id, firstname, lastname FROM MyGuests";
$result = mysqli_query($conn, $sql);

if (mysqli_num_rows($result) > 0) {
    // output data of each row
    while($row = mysqli_fetch_assoc($result)) {
        echo "id: " . $row["id"]. " - Name: " .
        $row["firstname"]. " " . $row["lastname"]. "<br>";
    }
} else {
    echo "0 results";
}
```

update.php

```
$sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=2";

if (mysqli_query($conn, $sql)) {
    echo "Record updated successfully";
} else {
    echo "Error updating record: " . mysqli_error($conn);
}
```

delete.php

```
$sql = "DELETE FROM MyGuests WHERE id=3";

if (mysqli_query($conn, $sql)) {
    echo "Record deleted successfully";
} else {
    echo "Error deleting record: " . mysqli_error($conn);
}
```

Task:

Create an html form as shown below:

Registration

User Name	<input type="text"/>
Email	<input type="text"/>
Password	<input type="password"/>
Repeat Password	<input type="password"/>
First Name	<input type="text"/>
Last Name	<input type="text"/>
Phone	<input type="text"/>
Street	<input type="text"/>
City	<input type="text"/>
State	<input type="text"/>
Zipcode	<input type="text"/>
Country	<input type="text"/>
Membership Level	Free

Register

When submitted, the form should be validated on server side. The rules are:

- User Name does not contain any empty space or special character
- Password and Repeat Password matches
- Email is valid
- Phone contains numbers and '+' only
- Zip code is a number