"WDT-1 Practical 11: Write a PHP script to perform insert, update and delete operations in MySQL database"

A] Code : -

a] SQLCommandFor-phpsql.php.sql:-

```
CREATE TABLE users (
id INT PRIMARY KEY AUTO_INCREMENT,
name VARCHAR(255) NOT NULL,
email VARCHAR(255) NOT NULL
);
```

b] phpsql.php:-

```
<?php
    // Database connection settings
    $servername = "localhost";
    $username = "boot";
    $password = "jomama";
    $database = "kspdb";
    // Create a connection to MySQL
    $conn = new mysqli($servername, $username, $password, $database);
    // Check the connection
    if($conn->connect_error){
        die("Connection failed: " . $conn->connect_error);
    }
    // INSERT operation
    if(isset($_POST["insert"])){
        $name = $_POST["name"];
        $email = $_POST["email"];
        $sql = "INSERT INTO users (name, email) VALUES ('$name', '$email')";
        if($conn->query($sql) === TRUE){
            echo "New record created successfully.";
        } else{
            echo "Error: " . $sql . "<br>" . $conn->error;
        }
    }
```

b] phpsql.php:-

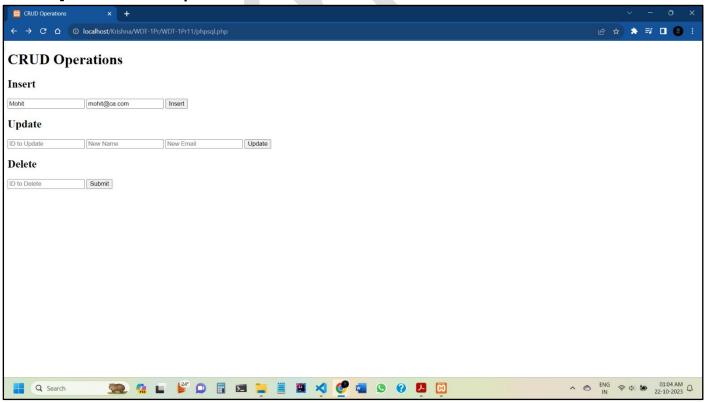
```
// UPDATE operation
    if(isset($_POST["update"])){
        $id = $_POST["id"];
        $newName = $_POST["new_name"];
        $newEmail = $_POST["new_email"];
        $sq1 = "UPDATE users SET name='$newName', email='$newEmail' WHERE id=$id";
        if($conn->query($sql) === TRUE){
            echo "Record updated successfully.";
        } else {
            echo "Error updating record: " . $conn->error;
    }
    // DELETE operation
    if(isset($_POST["delete"])){
        $id = $_POST["id"];
        $sql = "DELETE FROM users WHERE id=$id";
        if($conn->query($sql) === TRUE){
            echo "Record deleted successfully.";
        } else {
            echo "Error deleting record: ". $conn->error;
        }
    }
    $conn->close();
?>
<!DOCTYPE html>
<html>
    <head>
        <title>CRUD Operations</title>
    </head>
    <body>
        <h1>CRUD Operations</h1>
        <!-- Insert Form -->
        <h2>Insert</h2>
        <form action="" method="post">
            <input type="text" name="name" placeholder="Name" required>
            <input type="email" name="email" placeholder="Email" required>
            <input type="submit" name="insert" value="Insert">
        </form>
```

b] phpsql.php:-

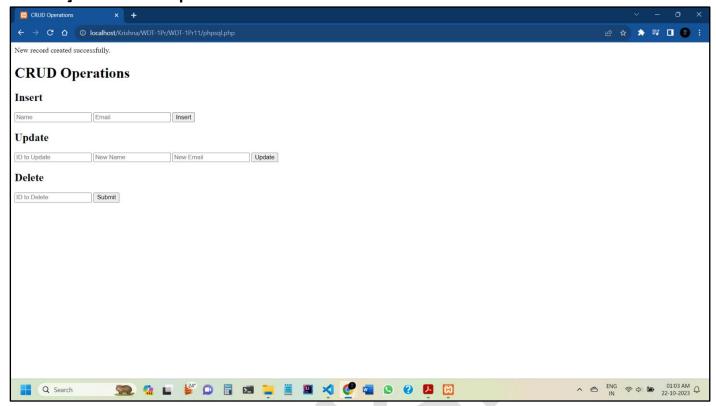
```
<!-- Update Form -->
        <h2>Update</h2>
        <form action="" method="post">
            <input type="number" name="id" placeholder="ID to Update" required>
            <input type="text" name="new_name" placeholder="New Name" required>
            <input type="email" name="new_email" placeholder="New Email" required>
            <input type="submit" name="update" value="Update">
        </form>
        <!-- Delete Form -->
        <h2>Delete</h2>
        <form action="" method="post">
        <input type="number" name="id" placeholder="ID to Delete" required>
        <input type="submit" name="delete" id="Delete">
        </form>
    </body>
</html>
```

B1 O/P:-

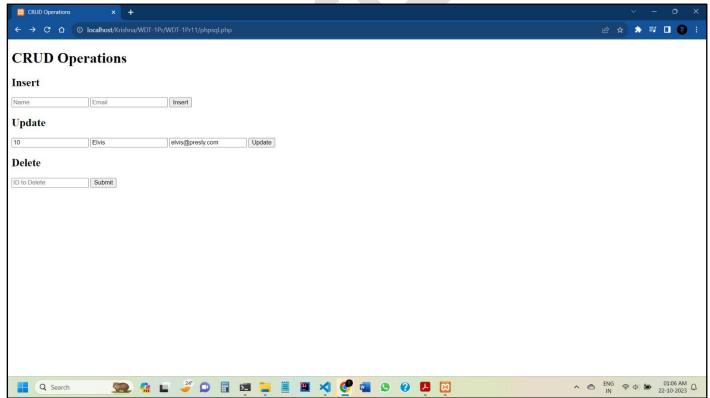
a] Before insert operation: -



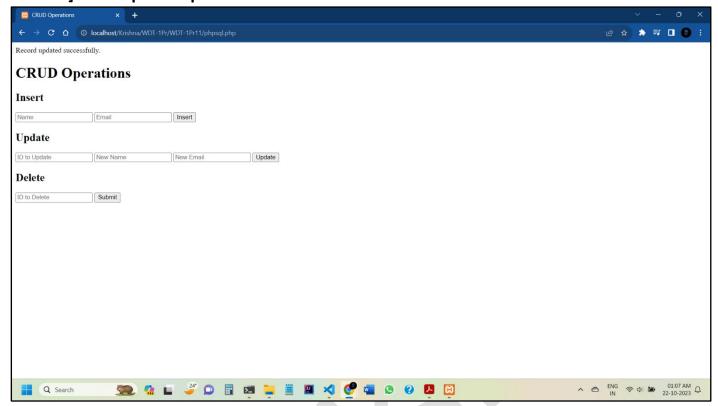
b] After insert operation : -



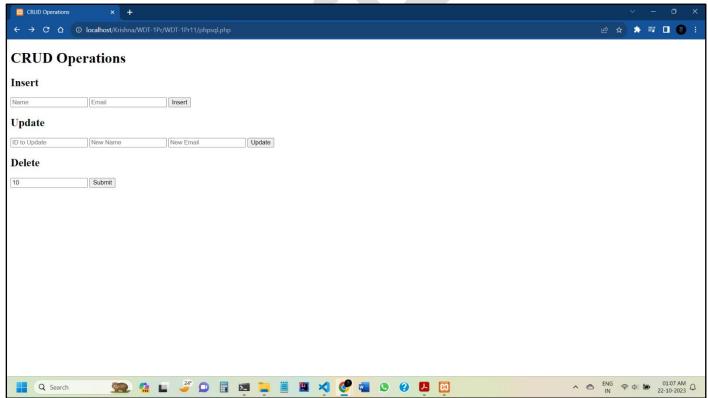
c] Before update operation : -



d] After update operation : -



e] Before delete operation : -



f] After delete operation : -

