

## “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;  
    }  
}
```

P.T.O →

## b) phpsql.php :-

```
// UPDATE operation
if(isset($_POST["update"])){
    $id = $_POST["id"];
    $newName = $_POST["new_name"];
    $newEmail = $_POST["new_email"];

    $sql = "UPDATE users SET name='$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>
```

## B] O/P :-

### a] Before insert operation :-

CRUD Operations

**Insert**

**Update**

**Delete**

P.T.O →

## b) After insert operation : -

CRUD Operations

New record created successfully.

**Insert**

**Update**

**Delete**

## c) Before update operation : -

CRUD Operations

**Insert**

**Update**

**Delete**

### d] After update operation : -

Record updated successfully.

## CRUD Operations

**Insert**

**Update**

**Delete**

### e] Before delete operation : -

## CRUD Operations

**Insert**

**Update**

**Delete**

## f] After delete operation : -

Record deleted successfully.

### CRUD Operations

#### Insert

#### Update

#### Delete