

**Title:** Design a database in MYSQL. Create table in database. Store, Update, Delete and Retrieve data from the table. Display the data from the table.

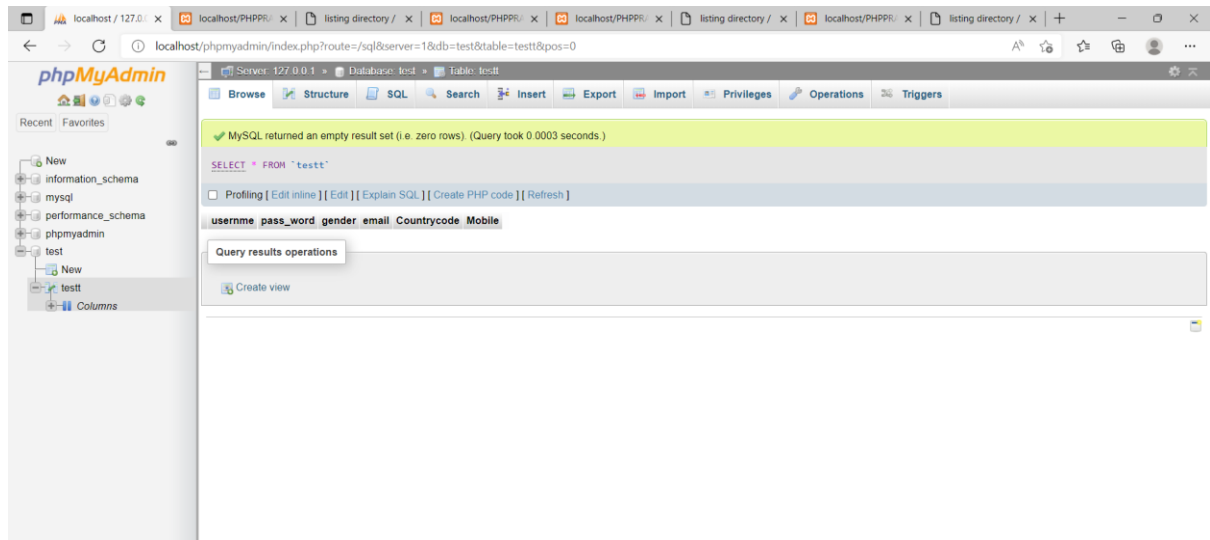
**Objective :** Windows System, XAMPP Software, Microsoft Edge

**Theory :# MySQL commands**

# To create a new database

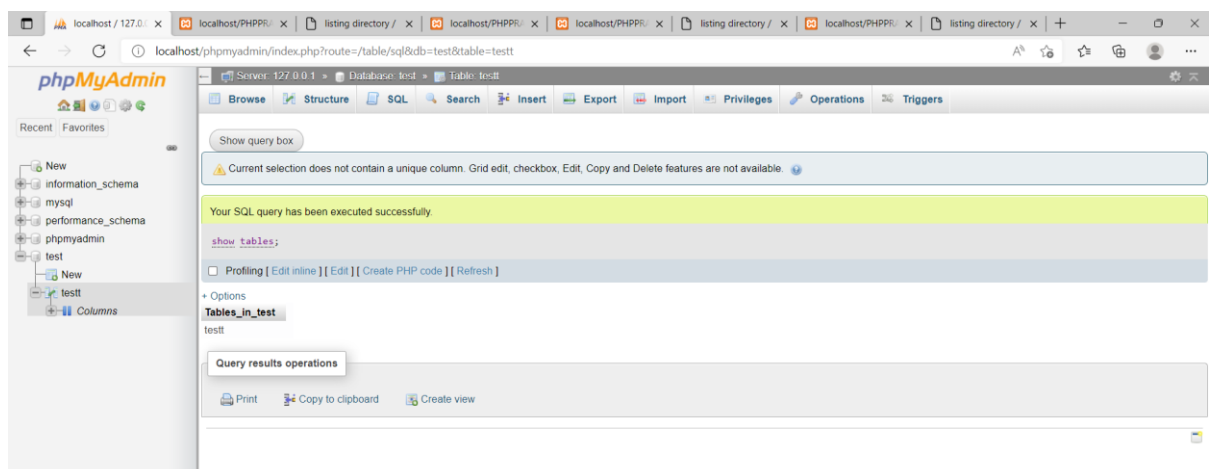
create database test;

# To display the existing databases



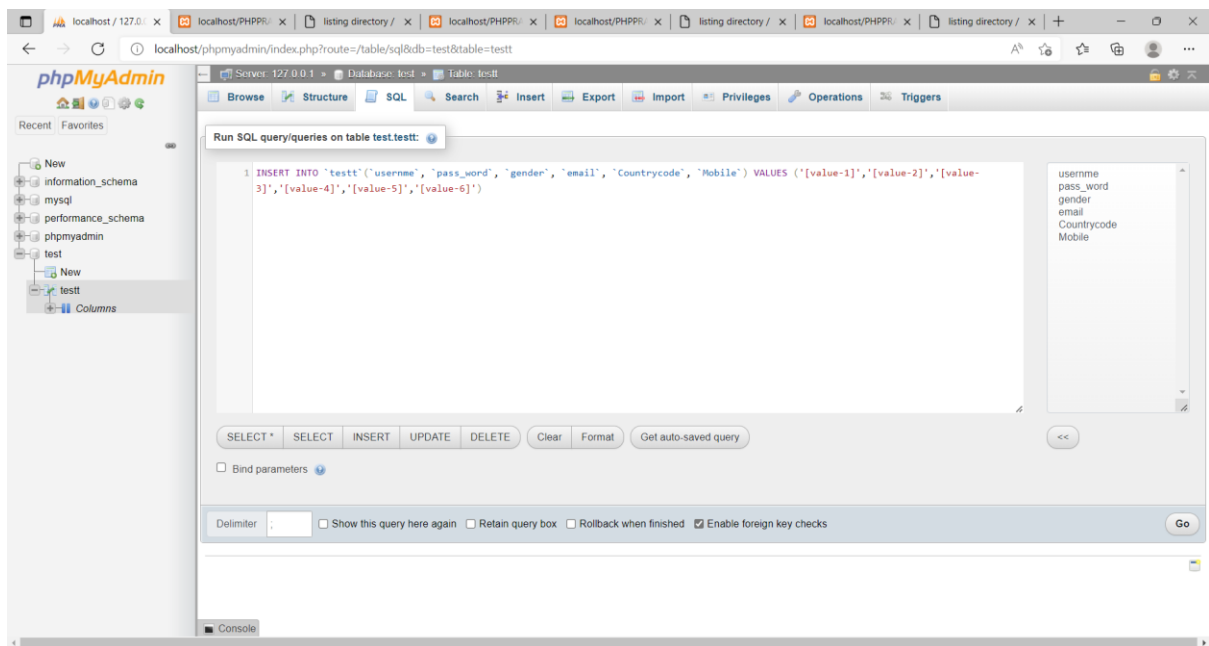
# To list the tables in a database

show tables;



# i.e inserting record into the database

## # Try with following



## #Selecting Data From Database Tables

So far you have learnt how to create database and table as well as inserting data. Now it's time

to retrieve data what have inserted in the preceding tutorial. The SQL SELECT statement is used

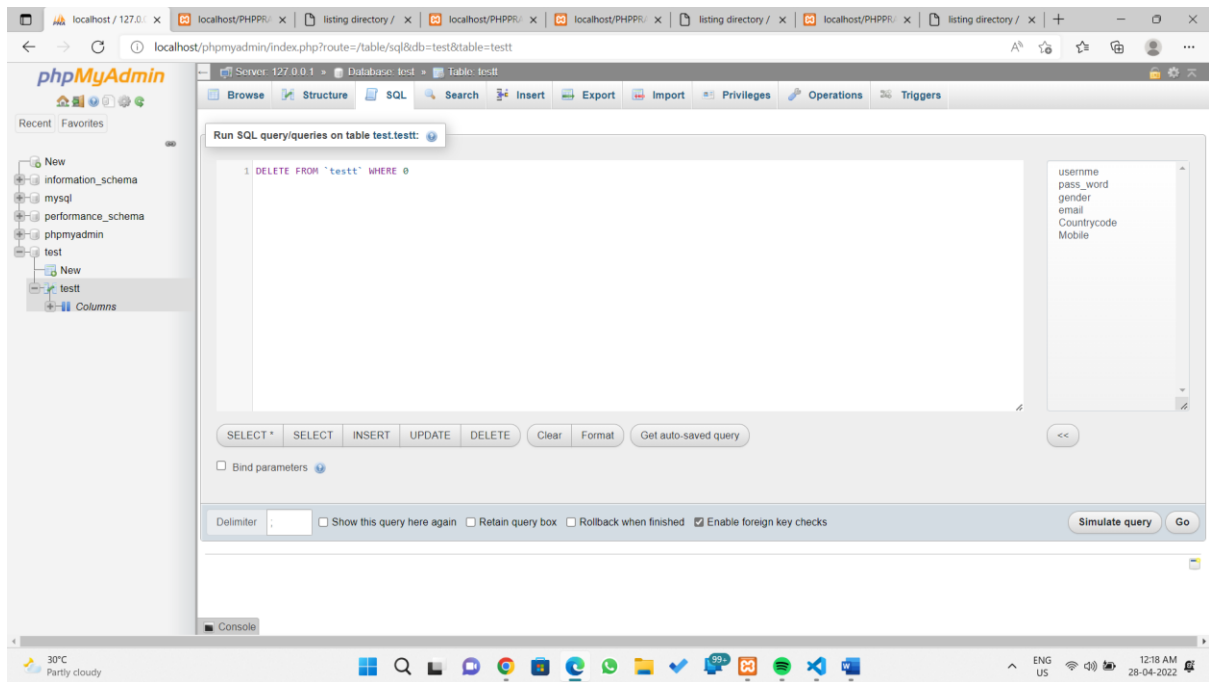
to select the records from database tables. Its basic syntax is as follows:

```
SELECT column1_name, column2_name, columnN_name FROM table_name;
```

Let's make a SQL query using the SELECT statement, after that we will execute this SQL query

through passing it to the PHP `mysqli_query()` function to retrieve the table data.

## #delete specific record



## -PROGRAM-

<?php

```

if (isset($_POST['submit'])) {
    if (isset($_POST['username']) && isset($_POST['password']) &&
        isset($_POST['gender']) && isset($_POST['email']) &&
        isset($_POST['phoneCode']) && isset($_POST['phone'])) {

        $username = $_POST['username'];
        $password = $_POST['password'];
        $gender = $_POST['gender'];
        $email = $_POST['email'];
        $phoneCode = $_POST['phoneCode'];
        $phone = $_POST['phone'];
        $host = "localhost";
        $dbUsername = "root";
        $dbPassword = "";
        $dbName = "test";

        $conn = new mysqli($host, $dbUsername, $dbPassword, $dbName);
        if ($conn->connect_error) {
            die('Could not connect to the database.');
```

```

    }
    else {
        $Select = "SELECT email FROM register WHERE email = ? LIMIT 1";

        $Insert = "INSERT INTO register(username, password, gender, email, phoneCode, phone)
values(?, ?, ?, ?, ?, ?)";

        $stmt = $conn->prepare($Select);
        $stmt->bind_param("s", $email);
        $stmt->execute();
        $stmt->bind_result($resultEmail);
        $stmt->store_result();
        $stmt->fetch();
        $rnum = $stmt->num_rows;
        if ($rnum == 0) {
            $stmt->close();
            $stmt = $conn->prepare($Insert);
            $stmt->bind_param("ssssii",$username, $password, $gender, $email, $phoneCode,
$phone);
            if ($stmt->execute()) {
                echo "New record inserted sucessfully.";
            }
            else {
                echo $stmt->error;
            }
        }
        else {
            echo "Someone already registers using this email.";
        }
        $stmt->close();
        $conn->close();
    }
}
else {
    echo "All field are required.";
    die();
}

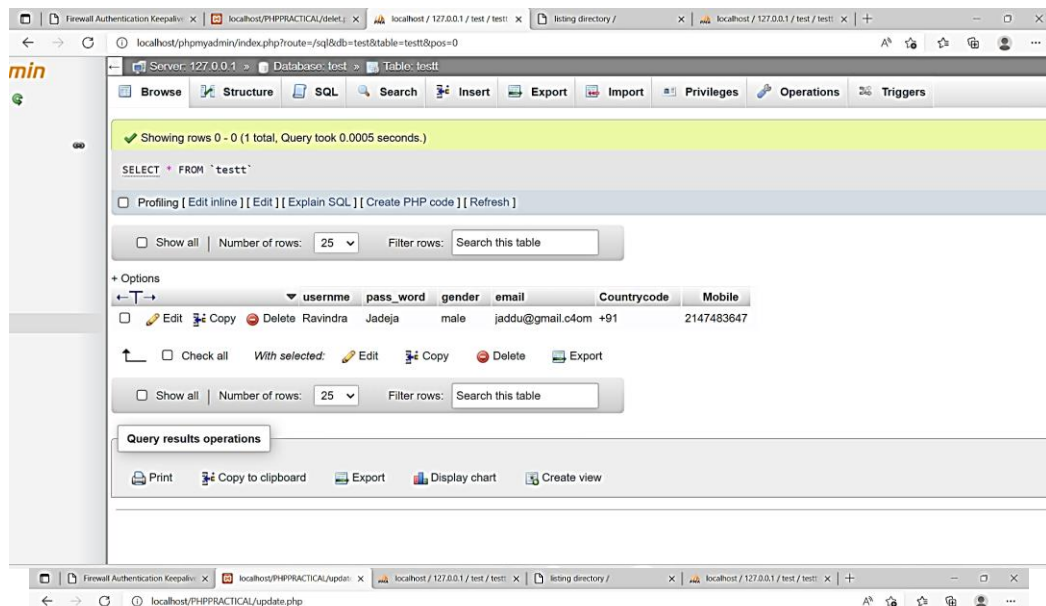
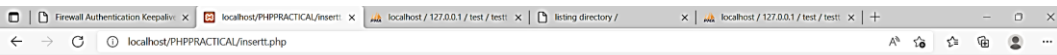
```

```

    }
}
else {
    echo "Submit button is not set";
}
?>

```

## -OUTPUT-



Record updated successfully

Showing rows 0 - 0 (1 total, Query took 0.0004 seconds.)

```
SELECT * FROM `testt`
```

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☐ Show all | Number of rows: 25 | Filter rows: Search this table

Options

|                          | username | pass_word | gender | email            | Countrycode | Mobile     |
|--------------------------|----------|-----------|--------|------------------|-------------|------------|
| <input type="checkbox"/> | pravin   | Jadeja    | male   | jaddu@gmail.c4om | +91         | 2147483647 |

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

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emailid: jaddu@gmail.c4om - Name: pravin Phone No: 2147483647

Server: 127.0.0.1 » Database: test » Table: testt

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✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0004 seconds.)

```
SELECT * FROM `testt`
```

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username pass\_word gender email Countrycode Mobile

Query results operations

[Create view](#)

Record deleted successfully