**PRACTICAL - 5**

**AIM:** Do the following:

1. Create a Database called Country and create table called City having fields (Cityname, Area, Population) using PHP commands. Create an HTML form to get the city data and write a script to insert that data into the table.

2. Write a PHP script to: a) Create a database my\_db. b) Create a table person. c) Insert some data into table person. d) Inserting some data into person through HTML form. e) Select some data from person using different queries. f) Update some record with SQL query. g) Display all the tables in the database my\_db. h) Displaying all the databases.

**Pr5\_1.php**

<!DOCTYPE html>

<html>

<body>

<form action="" method="post">

City Name : <input type="text" name="cname"> <br>

Area : <input type="text" name="area"> <br>

Population : <input type="text" name="population"> <br>

<input type="submit" value="submit">

</form>

</body>

</html>

<?php

if($\_POST) {

if(isset($\_POST['cname']) and isset($\_POST['area']) and isset($\_POST['population'])) {

$conn = new mysqli("localhost", "root", "", "Country");

if($conn->connect\_error) {

die("Connection failed : " . $conn->connect\_error);

}

$sql = "INSERT INTO city VALUES ('$\_POST[cname]', '$\_POST[area]', '$\_POST[population]')";

if($conn->query($sql) == TRUE) {

echo "Data inserted";

}

}

$conn->close();

} else {

$conn = new mysqli("localhost", "root", "");

if($conn->connect\_error) {

die("Connection failed : " . $conn->connect\_error);

}

$sql = "CREATE DATABASE Country";

if($conn->query($sql) == TRUE) {

echo "Database Created";

$conn->select\_db("Country");

$sql = "CREATE TABLE CITY (NAME VARCHAR(20), AREA INT(10), POPULATION INT(10))";

if($conn->query($sql) == TRUE) {

echo " Table created";

} else {

echo "Error!";

}

} else {

echo "error !";

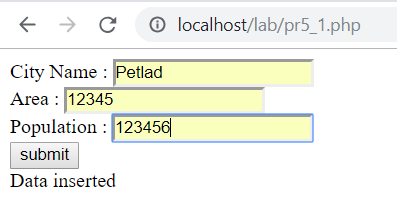
}

$conn->close();

}

?>

**OUTPUT**



**Pr5\_2.php**

<?php

function showDB($conn){

$sql = "SHOW DATABASES";

$res = $conn->query($sql);

echo "<hr>";

echo "<h4>All Database</h4>";

echo "<ul>";

while($row = $res->fetch\_assoc()) {

//print\_r($row);

echo "<li>".$row['Database']."</li>";

}

echo "</ul>";

}

function showTables($conn){

$sql = "SHOW TABLES";

$res = $conn->query($sql);

echo "<hr>";

echo "<h4>All Tables of my\_db</h4>";

echo "<ul>";

while($row = $res->fetch\_assoc()) {

//print\_r($row);

echo "<li>".$row['Tables\_in\_my\_db']."</li>";

}

echo "</ul>";

}

?>

<!DOCTYPE html>

<html>

<body>

<h3>Insert Data</h3>

<form action="" method="post">

Name : <input type="text" name="name"> <br>

Age : <input type="text" name="age"> <br>

<input type="submit" value="submit">

</form>

<hr>

<h3>Select Query</h3>

<form action="" method="post">

Age : <input type="text" name="sage">

<input type="submit" value="submit">

</form>

<hr>

<h3>Update Age Query</h3>

<form action="" method="post">

Name : <input type="text" name="uname"> <br>

Age : <input type="text" name="uage"> <br>

<input type="submit" value="submit">

</form><hr>

</body>

</html>

<?php

if($\_POST) {

$conn = new mysqli("localhost", "root", "", "my\_db");

if($conn->connect\_error) {

die("Connection failed : " . $conn->connect\_error);

}

if(isset($\_POST['name']) and isset($\_POST['age'])) {

$sql = "INSERT INTO PERSON VALUES ('$\_POST[name]', '$\_POST[age]')";

if($conn->query($sql) == TRUE) {

echo "<h4>Data inserted</h4>";

echo "<br>";

} else {

echo $conn->error;

}

}

if(isset($\_POST['sage'])) {

echo "<h4>Result of Select Query</h4>";

$sql = "SELECT NAME FROM PERSON WHERE AGE=" . $\_POST['sage'];

$res = $conn->query($sql);

echo "<ul>";

while($row = $res->fetch\_assoc()) {

echo "<li>".$row['NAME']."</li>";

}

echo "</ul>";

}

if(isset($\_POST['uname']) and isset($\_POST['uage'])) {

$sql = "UPDATE PERSON SET AGE=" . $\_POST['uage'] . " WHERE NAME=" . $\_POST['uname'];

if ($conn->query($sql) == TRUE) {

echo "<h4>Record updated successfully</h4>";

} else {

echo "Error updating record: " . $conn->error;

}

}

showDB($conn);

showTables($conn);

$conn->close();

} else {

$conn = new mysqli("localhost", "root", "");

if($conn->connect\_error) {

die("Connection failed : " . $conn->connect\_error);

}

$sql = "CREATE DATABASE my\_db";

if($conn->query($sql) == TRUE) {

echo "<h4>Database Created</h4>";

$conn->select\_db("my\_db");

$sql = "CREATE TABLE PERSON (NAME VARCHAR(20), AGE INT(2))";

if($conn->query($sql) == TRUE) {

echo "<h4>Table created</h4>";

} else {

echo "Error!";

}

$sql = "INSERT INTO PERSON VALUES ('VISHAL', 20)";

if($conn->query($sql) == TRUE) {

echo "<h4>Sample Data Inserted</h4>";

} else {

echo "Error!";

}

} else {

echo "error !";

}

$conn->close();

}

?>

**OUTPUT**

