

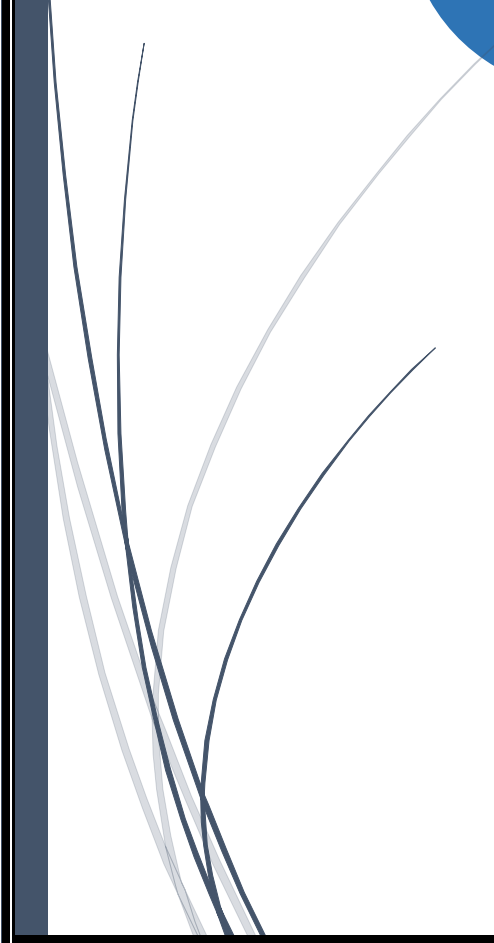


12/15/2022

# PHP

## ASSIGNMENT 7

# GT



STUDENT NAME: TELORE GANESH BHASKAR  
CLASS: SYBCA  
ROLL NO: 215174  
ASSIGNMENT BASE: DATABASE  
GUIDING PROFESSOR: PROF.LANDE.R.D

## ASSIGNMENT 7

### SET-A

Q.1 Write a PHP script to create an employee table using attributes employee number, employee name, address joining date and salary. If a table is created then display the appropriate message otherwise end the script.

Ans :

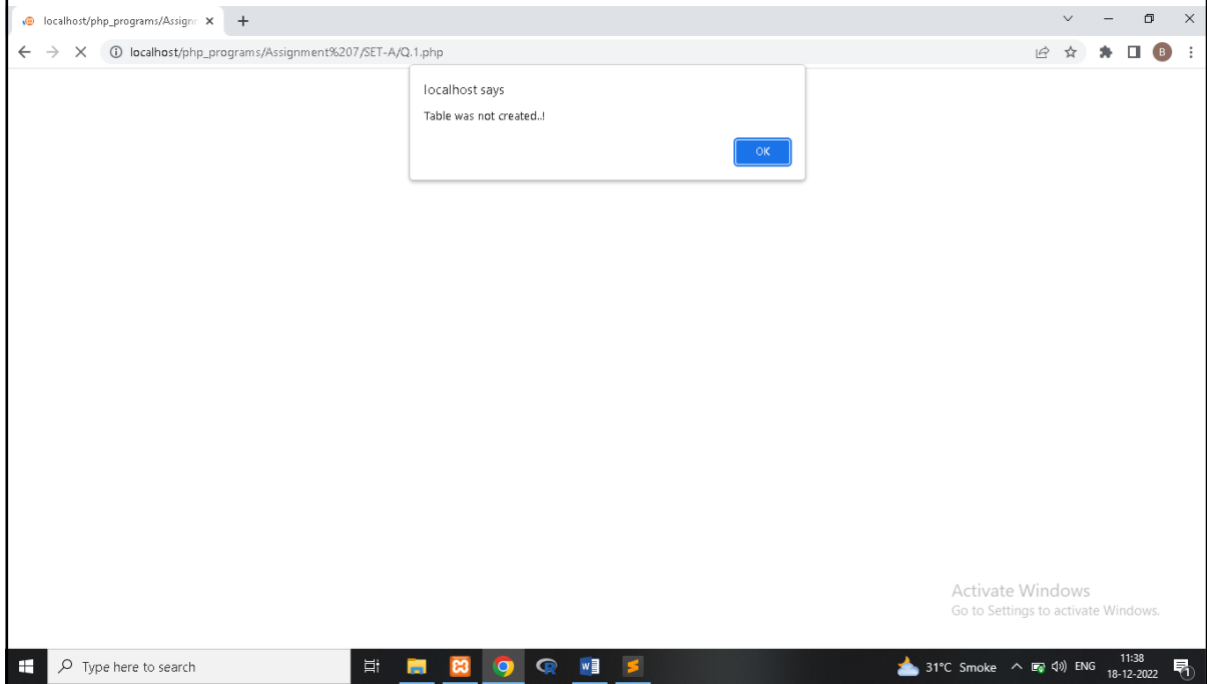
**Page First:**

```
<?php
$username="root";
$servername="localhost";
$password="";
$dbname="employees";
$conn=mysqli_connect($servername, $username, $password,$dbname);
if($conn){
    echo "Database Connection is Ready..!<br>";
}else{
    die("Database Connection Failed<br>". mysqli_error());
}
/*$dbname="CREATE DATABASE employees";
$result=mysqli_query($conn,$dbname);
if($result){
    echo"Database is created successfully..!<br>";
}
else{
    echo"database was not craeted<br>". mysqli_error($conn);
}*/
$create= "CREATE TABLE employee(eno INT PRIMARY KEY,ename VARCHAR(10),address
VARCHAR(15),doj DATE, salary INT)";
$result=mysqli_query($conn,$create);
if($result){
    echo"<script>alert('Table created successfully..!<br>')";
}
else{
    echo"<script>alert('Table was not created..!')</script>";
}
mysqli_close($conn);
?>
```

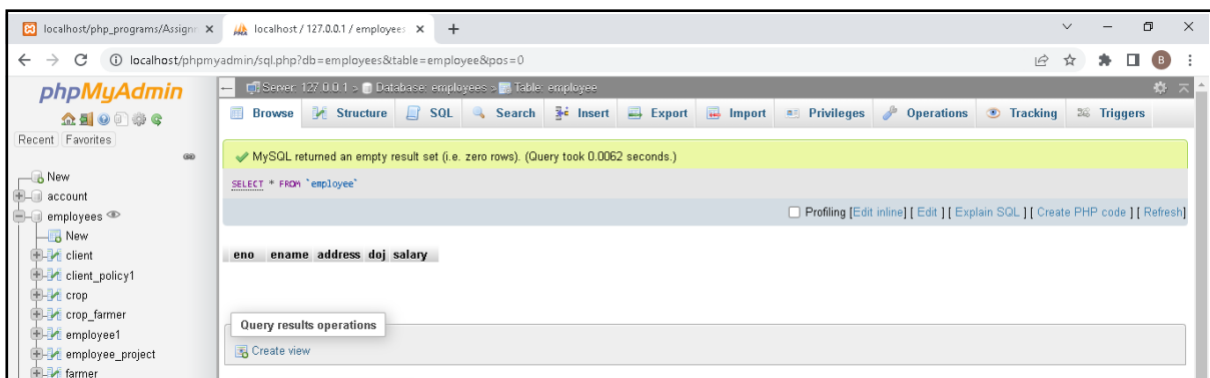
Output :

## OUTPUT INTERFACE

Note : An alert message is popping up table was not created because this table has already created in database.



## DATABASE OUTPUT



## ASSIGNMENT 7

### SET-A

Q.2 Write a PHP script to accept account details (account number, account type and balance).

Store this details in the account table and display an appropriate message.

Ans :

**Page First:**

```
<html>
<fieldset>
<legend><h2>Account Details</h2></legend>
<form action="#" method="POST">
<label>Account Number :</label><br>
<input type="text" name="accno" placeholder="Enter Your Account
Number..."><br><br>
<label>Account Type :</label><br>
<select name="acctype">
<option name="acctype" value="Saving">Saving</option>
<option name="acctype" value="Current">Current</option>
</select><br><br>
<label>Account Balance :</label><br>
<input type="text" name="balance" placeholder="Enter Account Balance..."><br><br>
<input type="submit" name="submit" value="Submit"/>
</fieldset>
</form>
</html>
```

```
<?php
error_reporting(0);
$accno=$_POST['accno'];
$acctype=$_POST['acctype'];
$balance=$_POST['balance'];
$username="root";
$servername="localhost";
$password="";
$database="account";
echo "<strong><u>Result :</strong></u><br>";
$conn=mysqli_connect($servername, $username, $password,$database);
if($conn){
echo "Database Connection is Ready..!<br>";
}else{
```

```

die("Database Connection Failed..!<br>". mysqli_error($conn));
}
$database="CREATE DATABASE account";
$result=mysqli_query($conn,$database);
if($result){
    echo"Database is created successfully..!<br>";
}
else{
    echo"database was not created<br>". mysqli_error($conn);
}
$create= "CREATE TABLE account_details(acc_no INT PRIMARY KEY,acc_type
VARCHAR(10),balance VARCHAR(15))";
$result=mysqli_query($conn,$create);
if($result){
    echo"<script>alert('Table created successfully..!<br>')";
}
else{
    echo"<script>alert('Table was not created..!')</script>";
}
$sql="INSERT INTO account_details VALUES ('$accno', '$acctype', '$balance')";
$result2=mysqli_query($conn,$sql);
if($result2){
    echo"<script>alert(Data inserted successfully..!<br>)</script>";
}
else{
    echo"<br>Unable to insert Data..!<br>". mysqli_error($conn);
}
mysqli_close($conn);
?>

```

Output :

## OUTPUT INTERFACE

The screenshot shows a web browser window with the URL `localhost/php_programs/Assignment%207/SET-A/Q.2.php`. The page has a title bar with 'localhost/php\_programs/Assignment' and 'localhost / 127.0.0.1 / account /'. The main content area is titled 'Account Details' and contains a form with the following fields:

- Account Number :
- Account Type :
- Account Balance :
- 

Below the form, the 'Result' section displays the following messages:

```
Result:
Database Connection is Ready..!
database was not created
Can't create database 'account'; database exists
Unable to insert Data..!
Duplicate entry '0' for key 'PRIMARY'
```

An 'Activate Windows' watermark is visible in the bottom right corner of the browser window.

## DATABASE INTERFACE

The screenshot shows the phpMyAdmin interface for the 'account' database. The 'account\_details' table is selected, and the 'Structure' tab is active. The table structure is as follows:

| acc_no | acc_type | balance    |
|--------|----------|------------|
| 0      |          |            |
| 215174 | Saving   | 3940800686 |
| 215175 | Saving   | 2000       |
| 215176 | Saving   | 5000       |

The table is displayed with 4 rows (0-3) and the query took 0.0021 seconds. The table structure is defined by the following SQL:

```
SELECT * FROM `account_details`
```

The table is named 'account\_details' and is located in the 'account' database. The table structure is defined by the following SQL:

```
CREATE TABLE `account_details` (
  `acc_no` int(11) NOT NULL,
  `acc_type` varchar(20) NOT NULL,
  `balance` int(11) NOT NULL,
  PRIMARY KEY (`acc_no`)
)
```

## ASSIGNMENT 7

### SET-A

Q.3 Write a PHP script to accept product number from user. Update the price of the product and display an appropriate message.

Ans :

#### Page First:

```
<?php
echo"<fieldset>
<legend><h3>Updation Form</h3></legend>
<form action='' method='POST'>
<label>Product No :</label><br>
<input type='text' name='pno' placeholder='Enter Product Number...'/><br><br>
<input type='submit' name='submit'
value='submit'/>&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;
<input type='reset' name='reset' value='Reset'/>
</fieldset>
</form>";
$username="root";
$servername="localhost";
$password="";
$dbase="employees";
$update=$_POST['pno'];
echo "<h2>Alert Messages :</h2>";
$conn=mysqli_connect($servername, $username, $password,$dbase);
if($conn){
echo "Database Connection is Ready..!<br>";
}else{
die("Database Connection Failed<br>". mysqli_error($conn));
}
$create= "CREATE TABLE product(pno INT PRIMARY KEY,pname VARCHAR(10),quantity
INT, rate INT)";
$result=mysqli_query($conn,$create);
if($result){
    echo"<script>alert('Table created successfully..!<br>')";
}
else{
    echo"Table was not created..! <br>". mysqli_error($conn);
}
/*$query="INSERT INTO product VALUES (01,'santoor',500,25)";
$result2=mysqli_query($conn,$query);
if($result2){
    echo"Data Inserted successfully..!<br>";
}
else{
    echo"Data was not Inserted due to this error...--> ". mysqli_error($conn);
}*/
```

```
$sql="UPDATE product SET pno=$update WHERE pno=1";  
$result2=mysqli_query($conn,$sql);  
if($result2){  
    echo"Data Updated successfully..!<br>";  
}  
else  
{  
    echo"Data was not Updated due to this error.---> ". mysqli_error($conn);  
}  
mysqli_close($conn);  
?>
```

Output :

GT



## OUTPUT INTERFACE

The screenshot shows a web browser window with two tabs. The active tab is 'localhost/php\_programs/Assignment%207/SET-A/Q.3.php'. The page contains an 'Updation Form' with a 'Product No' input field containing '101' and 'submit' and 'Reset' buttons. Below the form is an 'Alert Messages' section with the following text:

Database Connection is Ready..!  
Table was not created..!  
Table 'product' already existsData was not Updated due to this error.--> You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'WHERE pno=1' at line 1

At the bottom right, there is a watermark that says 'Activate Windows Go to Settings to activate Windows.'

## DATABASE INTERFACE

The screenshot shows the phpMyAdmin database interface. The left sidebar shows a tree view of databases and tables. The main area displays the 'product' table structure and data. The table has columns: pno, pname, quantity, and rate. The data row shows: 101, santoor, 500, 25.

The console at the bottom shows the following SQL queries:

```
Press Ctrl+Enter to execute query
>SELECT * FROM `employee`
>SELECT * FROM `account_details`
>SELECT * FROM `account_details`
SELECT * FROM `account_details`
Collapse Query Edit Explain Profiling Bookmark Database Queried time
```

## ASSIGNMENT 7

### SET-B

Q.1 Consider the following entities and their relationship

Employee(eno,ename,sal)

Project(pno,pname,duration)

Employee and Project are related with many-to-many relationship. Create a RDB in 3NF for the above.

Using the above database write a PHP script to accept project name. Display the name of the employees and the duration of the project.

Ans :

#### Page First:

```
<html>
<fieldset>
<legend><h2>Employee Details</h2></legend>
<form action="aim1.php" method="POST">
<label>Project Name :</label>
<input type="text" name="pname" placeholder="Enter Project name..."/><br><br>
<input type="submit" name="submit" value="submit"/>
</fieldset>
</form>
</html>
```

#### Page Second:

```
<?php
$username="root";
$servername="localhost";
$password="";
$dbase="employees";
$pname=$_POST['pname'];
echo"<br><br><br><br><br><center><h1><u> Fetched Result</u></h1></center>";
$conn=mysqli_connect($servername, $username, $password,$dbase);
if($conn){
echo "<script>alert('Database Connection Established..!<br>')</script>";
}else{
die("Database Connection Failed<br>". mysqli_error($conn));
}
$query="select ename,duration from employee1,project,employee_project where
pname='$pname'";
//where client_policy1.cno=client.cno and client_policy1.pno=policy_details.pno";
$result=mysqli_query($conn,$query);
if($result){
echo"<center>
```

```
<table border='5' cellpadding='5' cellspacing='10' height='200'>
<tr>
<th>Name of Employee </th>
<th>Duration</th>
</tr>";
while($row=mysqli_fetch_array($result)){
echo"<td>".$row['ename']. "</td>";
echo"<td>".$row['duration']. "</td></tr></table></center>";

}
}

mysqli_close($conn);
?>
```

Output :

GT

## OUTPUT INTERFACE 1

localhost / 127.0.0.1 / employee: X localhost/php\_programs/Assign: X

localhost/php\_programs/Assignment%207/SET-B/Q.1.php

### Employee Details

Project Name:

Activate Windows  
Go to Settings to activate Windows.

Type here to search

31°C Smoke ENG 17:36 18-12-2022

## OUTPUT INTERFACE 2

localhost / 127.0.0.1 / employee: X localhost/php\_programs/Assign: X

localhost/php\_programs/Assignment%207/SET-B/aim 1.php

### Fetched Result

| Name of Employee | Duration |
|------------------|----------|
| Suresh           | 5        |

Activate Windows  
Go to Settings to activate Windows.

Type here to search

31°C Smoke ENG 17:37 18-12-2022

## ASSIGNMENT 7

### SET-B

Q.2 Consider the following entities and their relationships.

train(tno,tname)

passenger(pno,pname,addr,age)

The relationship between train and passenger is many-to-many with descriptive attribute date, seat\_no and amt. Create a RDB in 3 NF for the above.

Using the above database write a PHP script to accept date. Display train details having maximum passengers for a given date.

Ans :

#### Page First:

```
<html>
<fieldset>
<legend><h2>Employee Details</h2></legend>
<form action="target1.php" method="POST">
<label>Train Arrival date :</label>
<input type="text" name="date1" placeholder="Enter Train Arrival Date..."/><br><br>
<input type="submit" name="submit" value="submit"/>
</fieldset>
</form>
</html>
```

#### Page Second:

```
<?php
$username="root";
$servername="localhost";
$password="";
$database="employees";
$date=$_POST['date1'];
echo"<br><br><br><br><br><center><h1><u> Fetched Result</u></h1></center>";
$conn=mysqli_connect($servername, $username, $password,$database);
if($conn){
echo "<script>alert('Database Connection Established..!<br>')</script>";
}else{
die("Database Connection Failed<br>". mysqli_error($conn));
}
$query="select max(p_no),train_passanger.t_no,t_name from train_passanger,train
where date='$date'";
mysqli_query($conn,$query);
//where client_policy1.cno=client.cno and client_policy1.pno=policy_details.pno";
$result=mysqli_query($conn,$query);

if($result)
{
```

```

        echo"<center>
        <table border='5' cellpadding='5' cellspacing='10' height='200'>
        <tr>
        <th>Train Number </th>
        <th>Train Name</th>
        </tr>";
while($row=mysqli_fetch_array($result)){
echo"<tr><td>".$row['t_no']. "</td>";
echo"<td>".$row['t_name']. "</td></tr></table></center>";

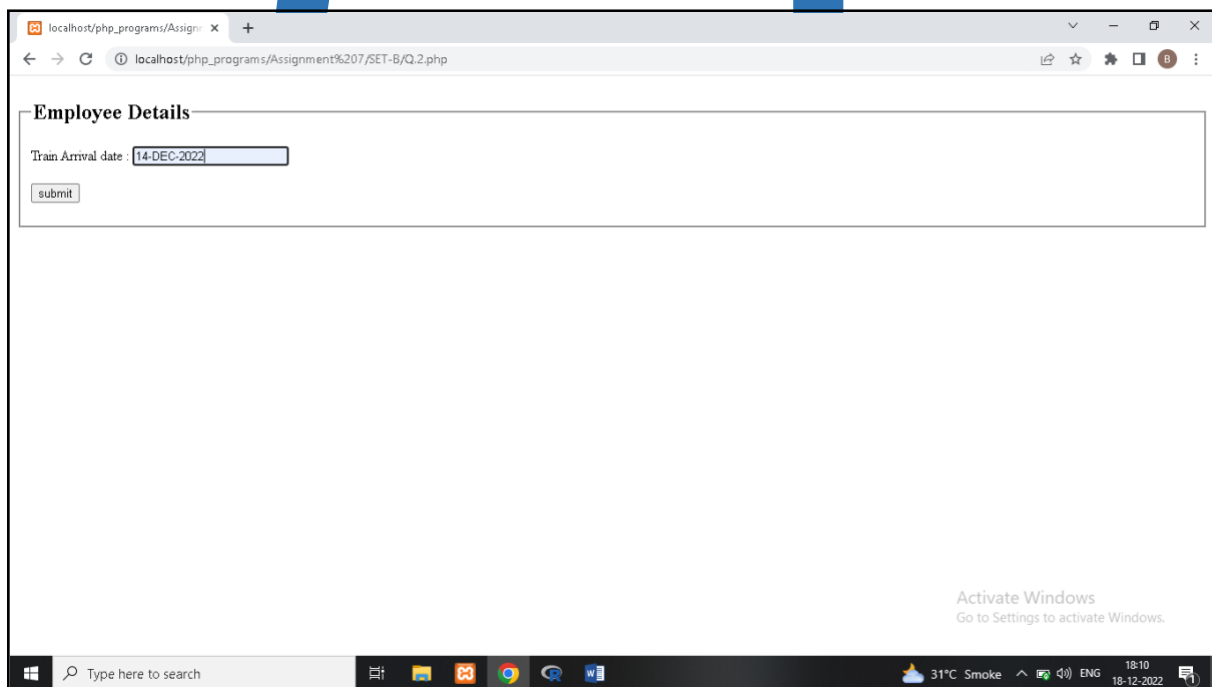
}
}

mysqli_close($conn);
?>

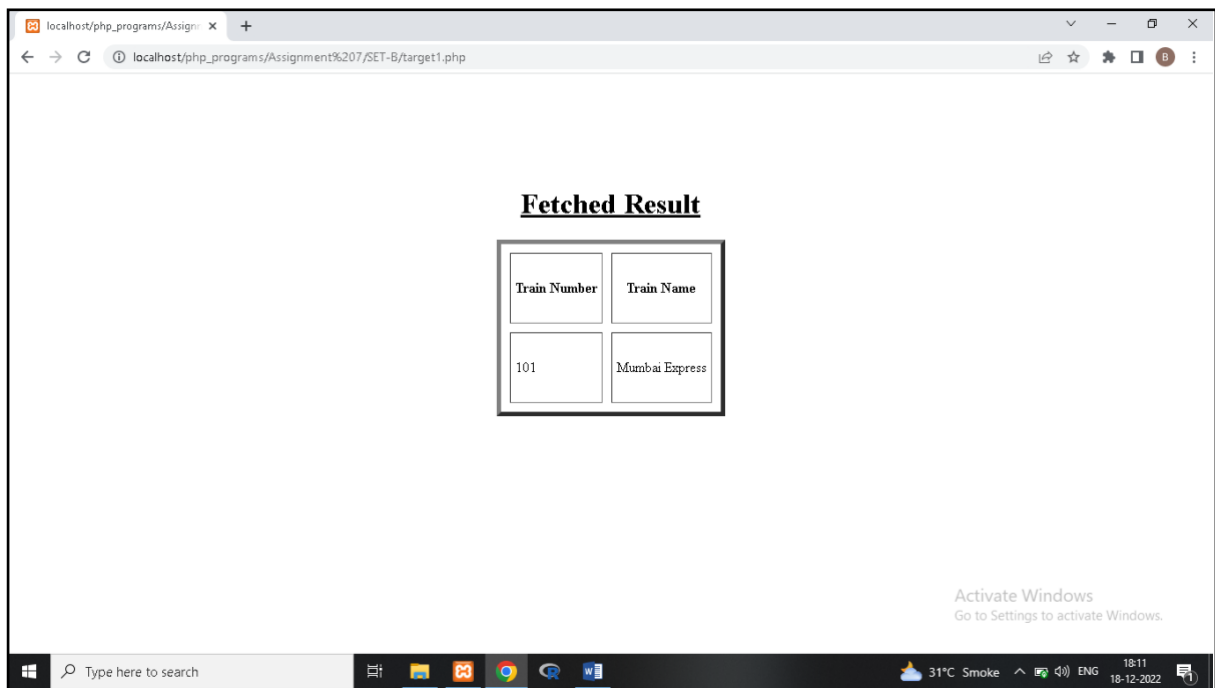
```

Output :

OUTPUT INTERFACE 1



## OUTPUT INTERFACE 2



## ASSIGNMENT 7

## SET-B

Q.3 Consider the following entities and their relationships.

```
crop(c_no,c_name,c_season,pesticides)
```

```
farmer(f_no,f_name,f_location)
```

The relationship between crop and farmer is many-to-many with descriptive attribute year. Create a RDB in 3 NF for the above.

Using the above database write a PHP script to accept crop name and year value. Display total no of farmers harvesting given crop in a given year.

Ans :

## Page First:

```
</html>
```

<fieldset>

&lt;legend&gt;&lt;h2&gt;Employee Details&lt;/h2&gt;&lt;/legend&gt;

```
<form action="direction1.php" method="POST">
```

<label>Crop Name :</label>

```
<input type="text" name="crop1" placeholder="Enter Crop Name..."/><br><br>
```

<label>Crop Year :</label>

&#160;&#160;

```
<input type="text" name="year1" placeholder="Enter Crop Year..."/><br><br>
```

```
<input type="submit" name="submit" value="submit"/>
```

&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;

&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;

&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;&#160;

</fieldset>

</form>

```
</html>
```

## Page Second:

```
<?php
```

```
$username="root";
```

```
$servername="localhost";
```

```
$password="";
```

```
$database="employees";
```

```
$crop=$ POST['crop1'];
```

```
$year=$_POST['year1'];
```

```
echo"<br><br><br><br><br><center><h1><u> Fetched Result</u></h1></center>";
```

```
$conn=mysqli_connect($servername, $username, $password,$database);
```

```
if($conn){
```

```
echo "<script>alert('Database Connection Established..!<br>')</script>";
```

```

}else{

```



```

die("Database Connection Failed<br>". mysqli_error($conn));
}

$query="select count(f_no),c_name, year from crop_farmer,crop where c_name='$crop'
and year='$year'";
mysqli_query($conn,$query);
//where client_policy1.cno=client.cno and client_policy1.pno=policy_details.pno";
$result=mysqli_query($conn,$query);

if($result)
{
    echo"<center>
    <table border='5' cellpadding='5' cellspacing='10' height='200'>
    <tr>
    <th>No of Farmers Harvesting In Year : $year </th>
    <th>Crop Name</th>
    <th>Crop Year</th>
    </tr>";
    while($row=mysqli_fetch_array($result)){
    echo"<tr><td>".$row['count(f_no)']. "</td>";
    echo"<td>".$row['c_name']. "</td>";
    echo "<td>".$row['year']. "</tr></table></center>";

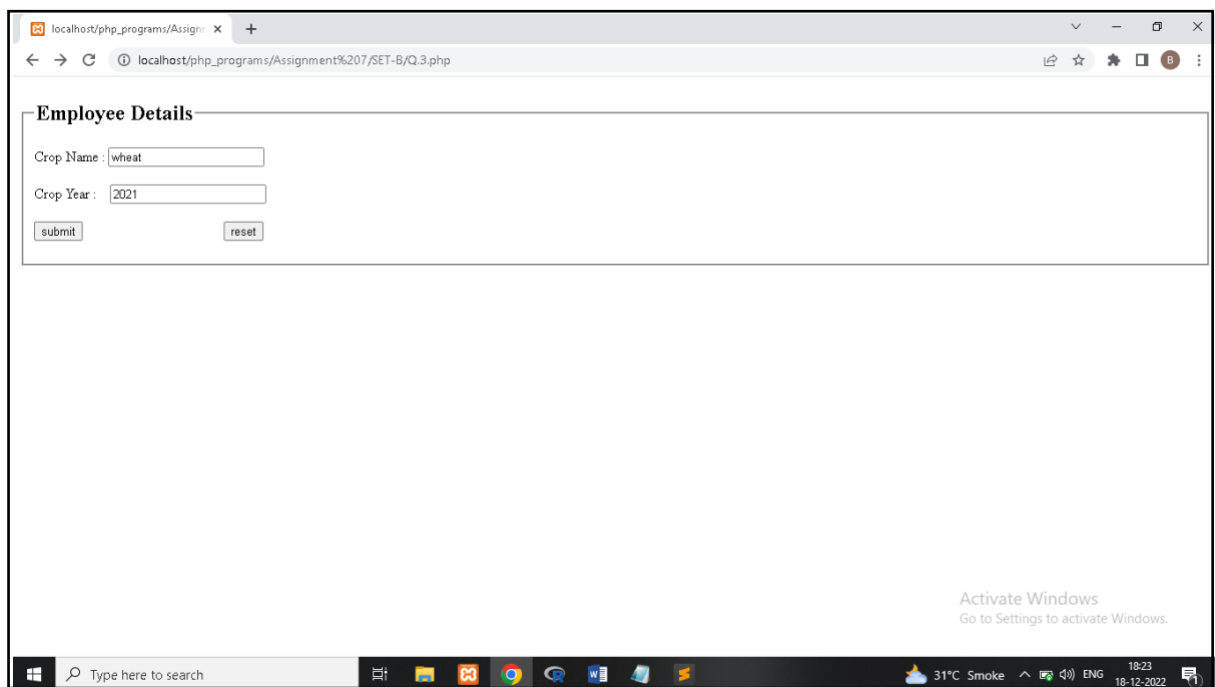
    }
    }
else{
    "Unable to Proceed Your request..!".mysqli_error();
}

mysqli_close($conn);
?>

```

Output :

## OUTPUT INTERFACE 1



localhost/php\_programs/Assignment%207/SET-B/Q.3.php

### Employee Details

Crop Name :

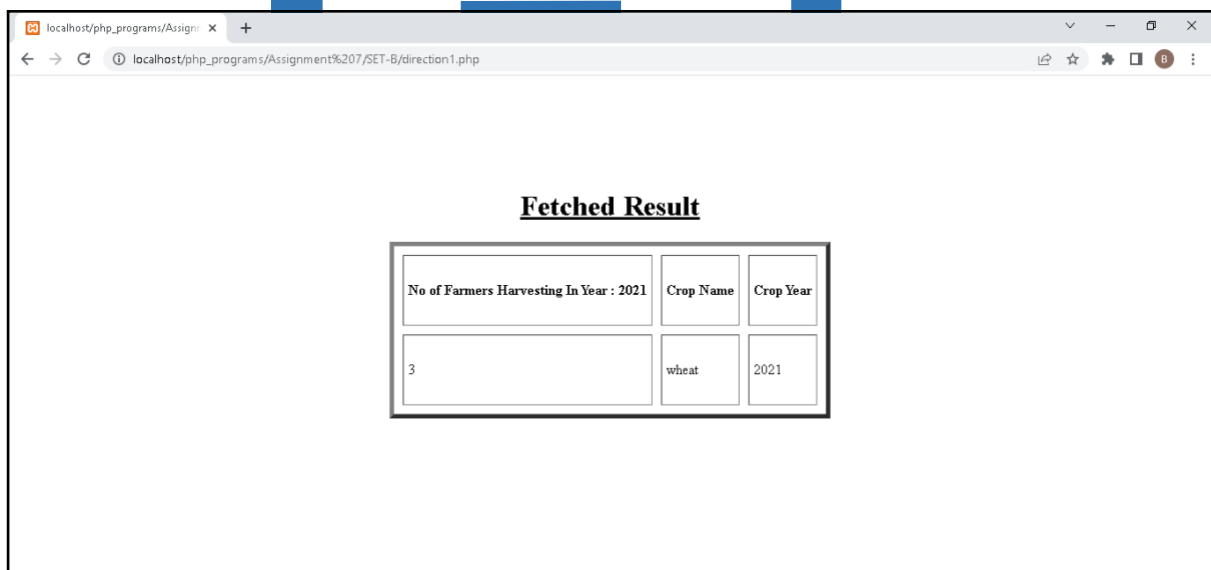
Crop Year :

Activate Windows  
Go to Settings to activate Windows.

Type here to search

31°C Smoke ENG 18-23 18-12-2022

## OUTPUT INTERFACE 2



localhost/php\_programs/Assignment%207/SET-B/direction1.php

### Fetched Result

| No of Farmers Harvesting In Year : 2021 | Crop Name | Crop Year |
|---|-----------|-----------|
| 3                                       | wheat     | 2021      |

## ASSIGNMENT 7

### SET-C

Q.1 Consider the following entities and their relationships.

client(c\_no,c\_name,c\_addr,birthdate)

policy\_info(p\_no,p\_name,maturity\_amt,prem\_amt,policy\_term)

The relationship among client and policy\_info is many-to-many with descriptive attribute date\_of\_purchase. create a RDB in 3NF for the above

Using the above database write a php script to display policy details of given client for a given year in the following format.

**Client Name:**

**Year:**

| Policy Name | Maturity Amt | Premium Amt | Policy term | Date Of Pur. |
|-------------|--------------|-------------|-------------|--------------|
|             |              |             |             |              |

Ans :

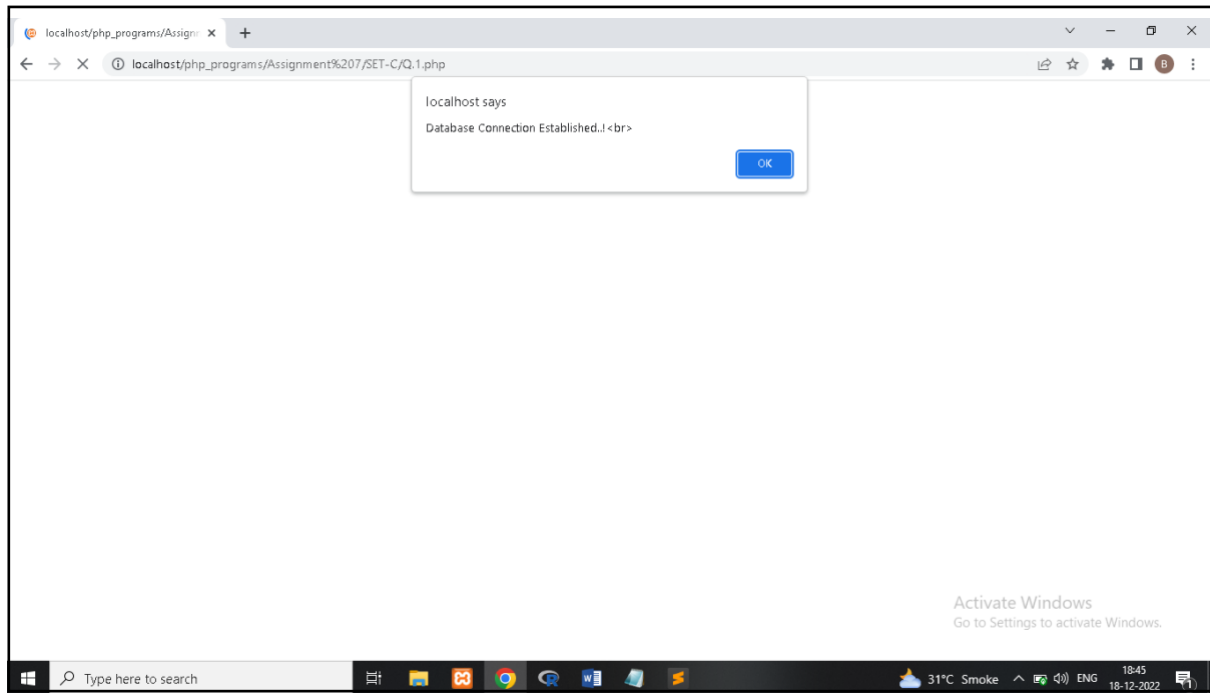
**Page First:**

```
<?php
$username="root";
$servername="localhost";
$password="";
$dbase="employees";
echo"<br><br><br><br><center><h1><u> Fetched Result</u></h1></center>";
$conn=mysqli_connect($servername, $username, $password,$dbase);
if($conn){
echo "<script>alert('Database Connection Established..!<br>')</script>";
}else{
die("Database Connection Failed<br>". mysqli_error($conn));
}
$query="select c_name,policy_details.p_name, maturity_amt, prem_amt,
policy_term,date_of_purchase from client,policy_details,client_policy1";
//where client_policy1.cno=client.cno and client_policy1.pno=policy_details.pno";
$result=mysqli_query($conn,$query);
if($result){
    echo"<center>
    <table border='5' cellpadding='5' cellspacing='10' height='200'>
    <tr>
    <th>Policy Name</th>
    <th>Maturity Amount</th>
    <th>Premium Amount</th>
    <th>Policy Term</th>
    <th>Date of Purchase</th>
    </tr>";
while($row=mysqli_fetch_array($result)){
    echo"<tr><b>Client Name:". $row['c_name']. "</b></tr>";
```

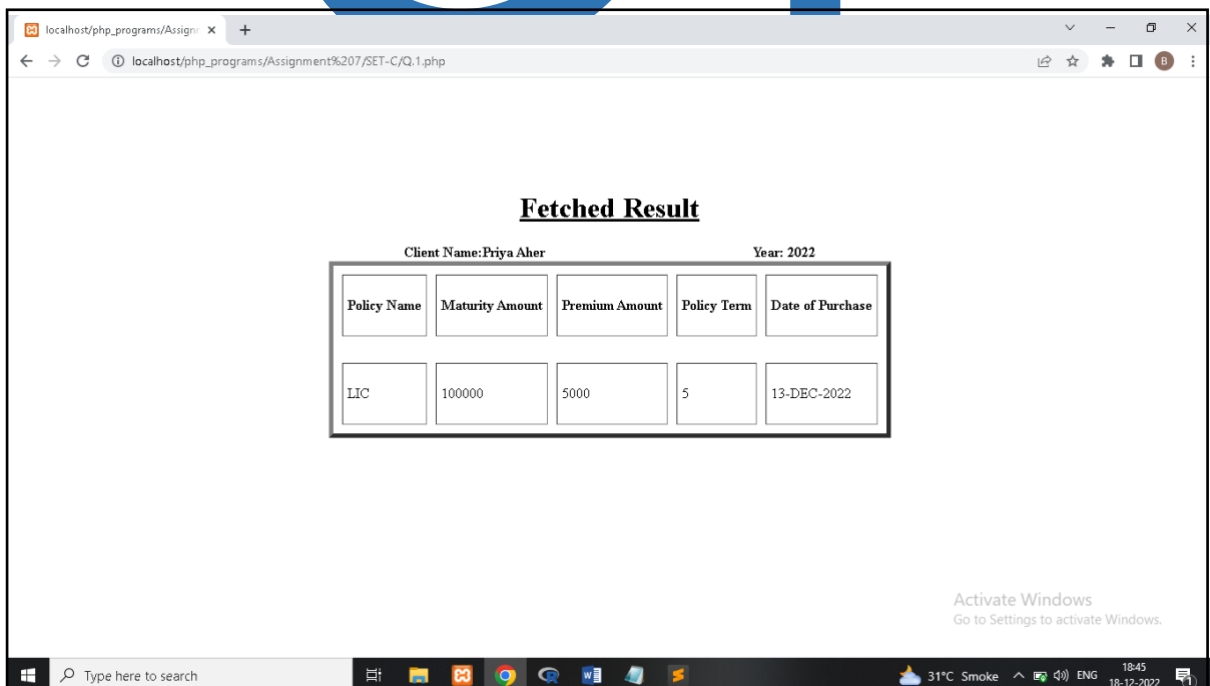
A large, semi-transparent blue watermark consisting of the letters 'G' and 'T' is overlaid on the entire image. The 'G' is on the left and the 'T' is on the right, both in a bold, sans-serif font.

Output :

## OUTPUT INTERFACE 1



## OUTPUT INTERFACE 2



GT