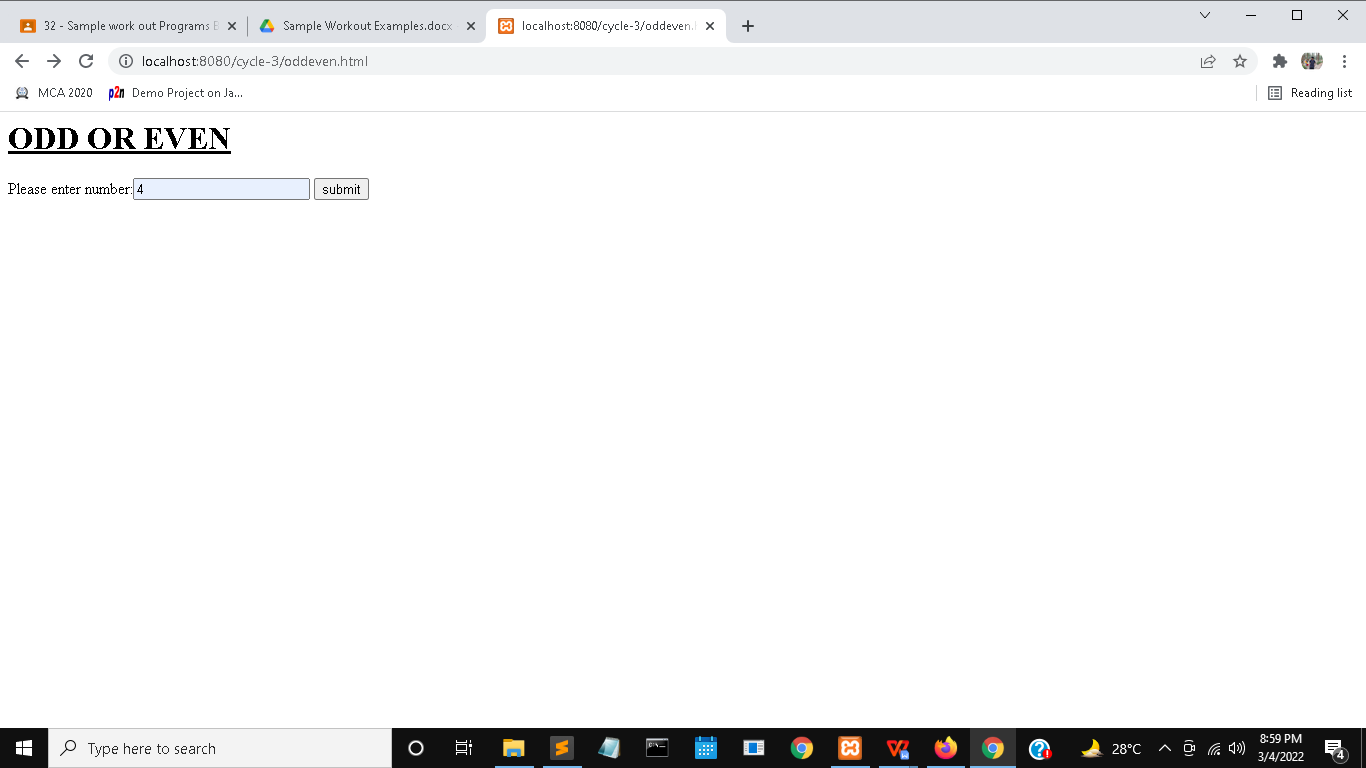
**CYCLE 3(PHP)**

**RESULTS AND OBSERVATIONS:**



**ODD OR EVEN**

**PROGRAM NO: 12 DATE: 3-1-22**

**AIM:**

Write a program to check and print whether a given number is odd or even.

**THEORETICAL SUPPORT:**

The GET method sends the encoded user information appended to the page request. The page and the encoded information are separated by the **?** character.

**CODE:**

<html>

<head><b><h1><u>ODD OR EVEN</u></h1></b></head>

<body>

<form action="oddeven.php" method="GET">

Please enter number:<input type="text" name="txt">

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

</form>

</body>

</html>

<?php

echo "<b><u>NUMBER IS ODD OR EVEN</u></b><br>";

$n=$\_GET['txt'];

if($n%2==0)

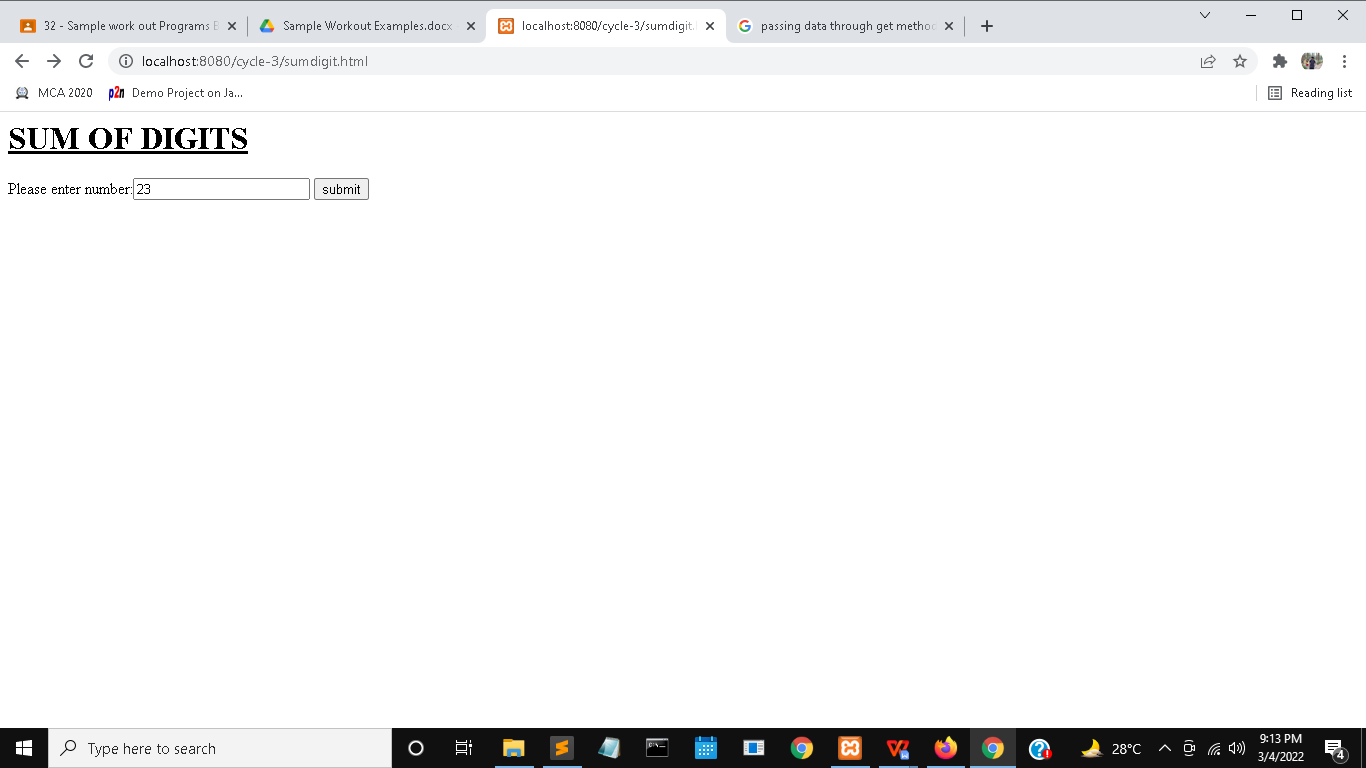
echo "$n is even";

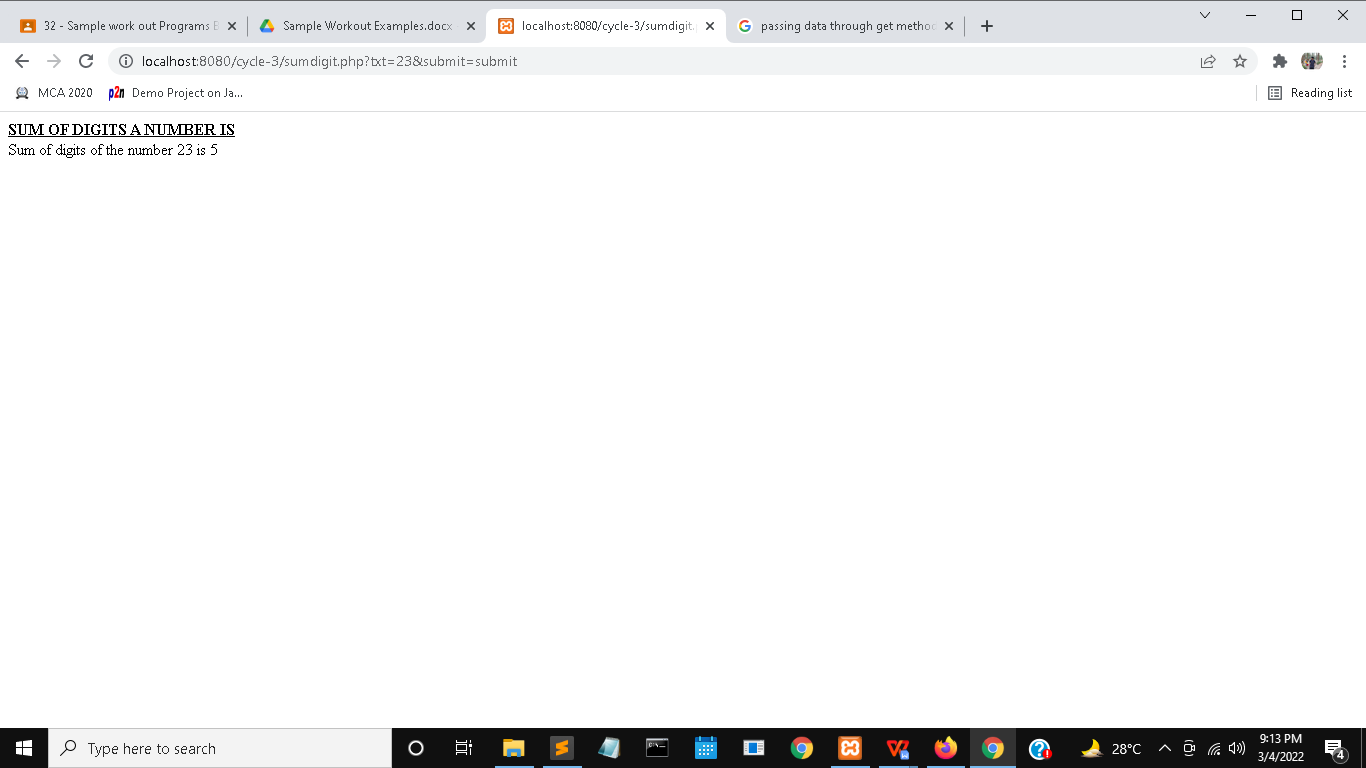
else

echo "$n is odd";

?>

**RESULTS AND OBSERVATION**

****

****

**SUM OF DIGITS**

**PROGRAM NO: 13 DATE: 5-1-22**

**AIM:**

Write a program to find the sum of digits of a given number.

**THEORETICAL SUPPORT:**

A web form when the method is set to GET method, it submits the values through URL. So we can use one form to generate an URL with variables and data by taking inputs from the users. The form will send the data to a page within the site or outside the site by formatting a query string.

**CODE:**

<html>

<head><b><h1><u>SUM OF DIGITS</u></h1></b></head>

<body>

<form action="sumdigit.php" method="GET">

Please enter number:<input type="text" name="txt">

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

</form>

</body>

</html>

<?php

echo "<b><u>SUM OF DIGITS A NUMBER IS </u></b><br> ";

$n=$\_GET['txt'];

$s=0;

$a=$n;

while($n>0)

{

$r=$n%10;

$s=$s+$r;

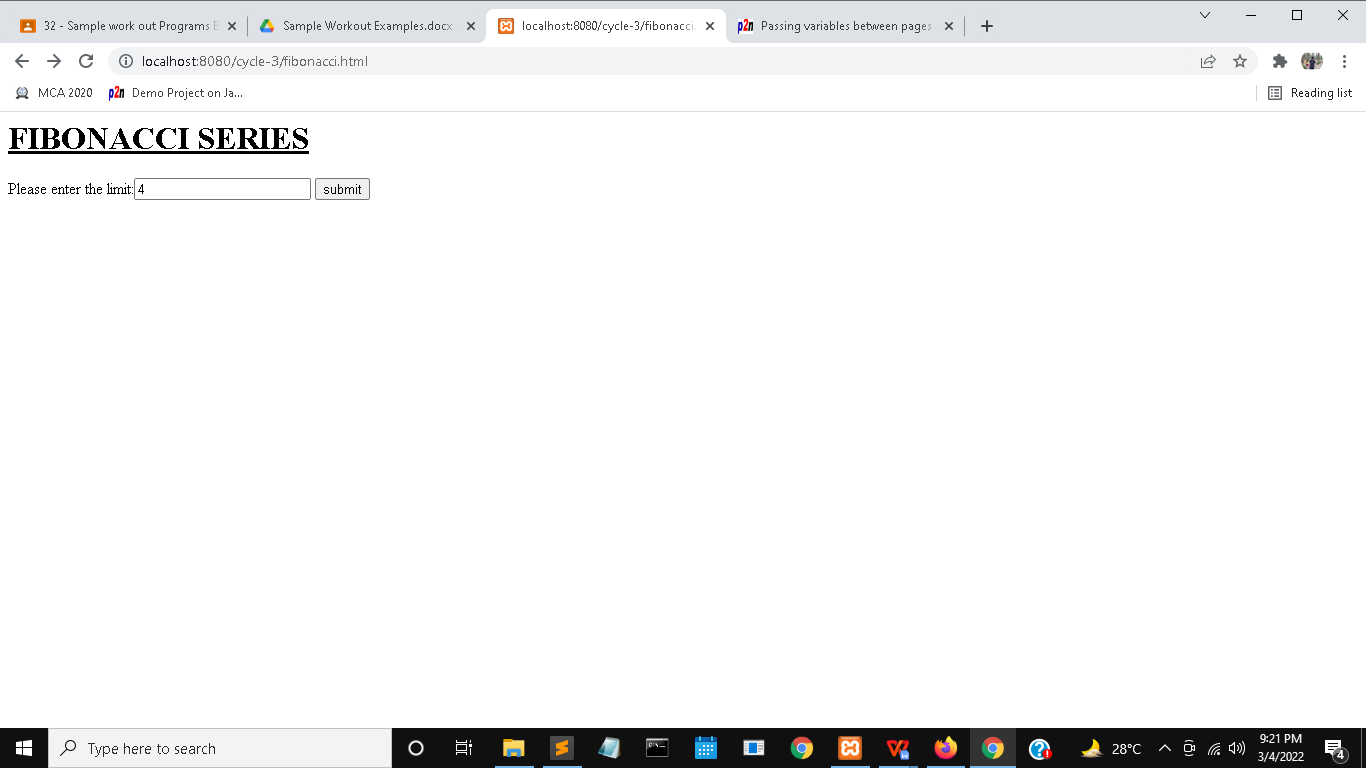
$n=$n/10;

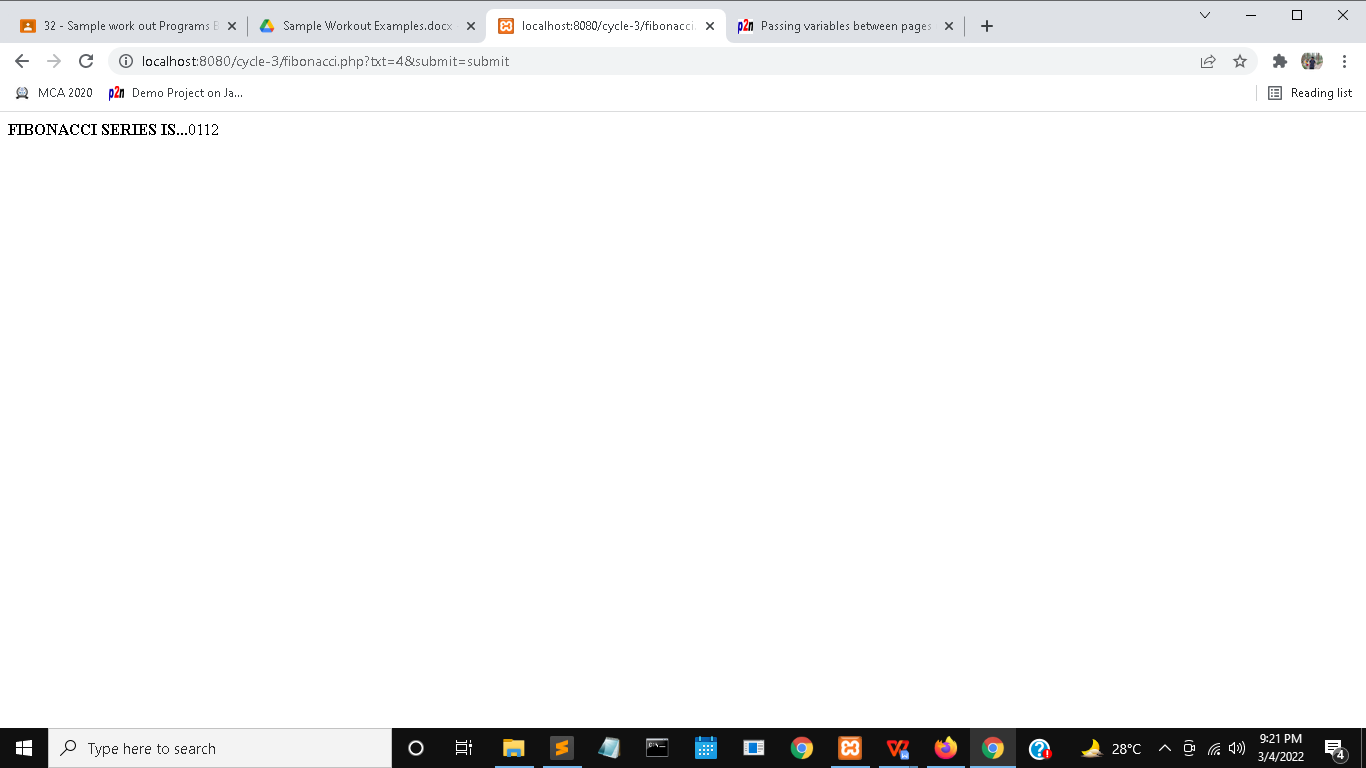
}

echo "Sum of digits of the number $a is $s";

?>

**RESULTS AND OBSERVATIONS:**

****

****

**FIBONACCI SERIES**

**PROGRAM NO: 14 DATE: 11-1-22**

**AIM:**

Write a program to print Fibonacci series up to a given number

**THEORETICAL SUPPORT:**

The Fibonacci sequence is a series of numbers in which each number is the sum of the two that precede it. Starting at 0 and 1, the sequence looks like this: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, and so on forever

**CODE:**

<html>

<head><b><h1><u>FIBONACCI SERIES</u></h1></b></head>

<body>

<form action="fibonacci.php" method="GET">

Please enter the limit:<input type="text" name="txt">

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

</form>

</body></html>

<?php

$n=$\_GET['txt'];

echo"<b>FIBONACCI SERIES IS...</b>";

$a=0;

$b=1;

echo $a;

echo $b;

for($i=0;$i<$n-2;$i++)

{

$c=$a+$b;

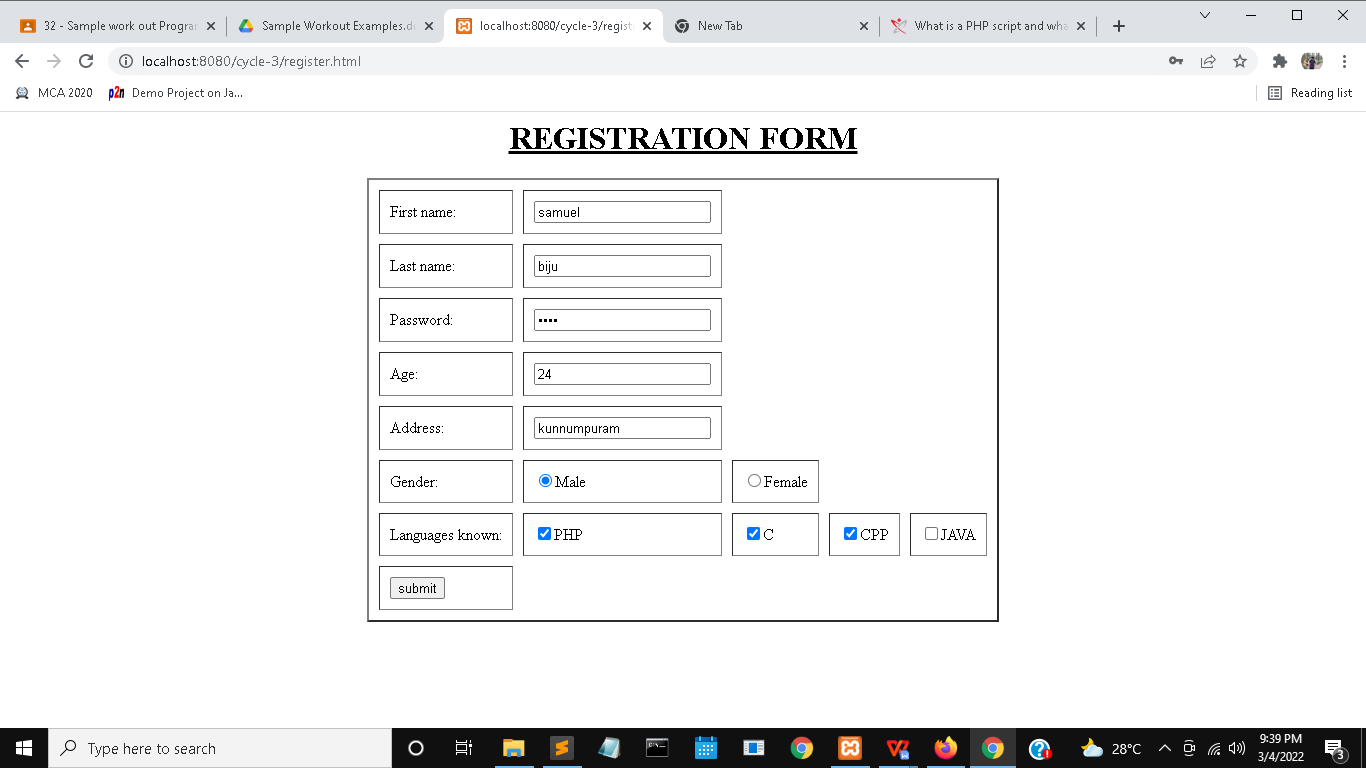
echo $c;

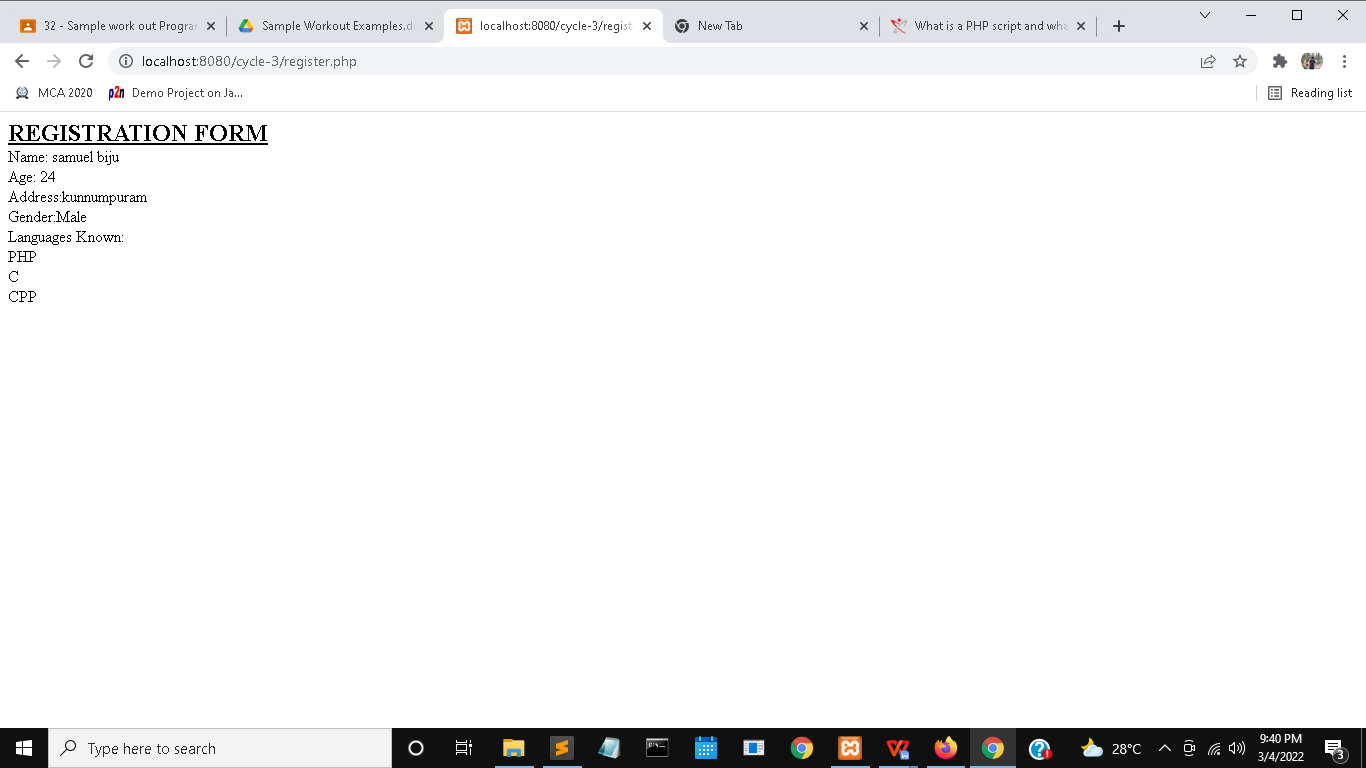
$a=$b;

$b=$c;

}?>

**RESULTS AND OBSERVATIONS:**





**REGISTRATION FORM**

**PROGRAM NO: 15 DATE: 20-1-22**

**AIM:**

Write a script to generate a registration form

**THEORETICAL SUPPORT:**

PHP scripts can be created using any basic text editor or HTML editing software tool. Each PHP [file](https://www.ntchosting.com/internet/file.html) must be saved with a .php file extension in order to be recognized as a functioning PHP script. When the [Apache](https://www.ntchosting.com/apache-web-server.html) server has the appropriate settings, PHP code can be recognized also in .html files.

**CODE:**

<html>

<head><center><b><h1><u>REGISTRATION FORM</u></h1></b></center></head>

<body>

<form action="register.php" method="POST">

<center>

<table border="2" cellspacing="10" cellpadding="10">

<tr>

<td>First name:</td>

<td><input type="text" name="txt1"></td>

</tr>

<tr>

<td>Last name:</td>

<td><input type="text" name="txt2"></td>

</tr><tr>

<td>Password:</td>

<td><input type="password" name="pwd"></td>

</tr>

<tr>

<td>Age:</td>

<td><input type="text" name="txt3"></td>

</tr>

<tr>

<td>Address:</td>

<td><input type="text" name="txt4"></td>

</tr><tr>

<td>Gender:</td>

<td><input type="radio" name="rd" value="male">Male</td>

<td><input type="radio" name="rd" value="female">Female</td>

</tr><tr>

<td>Languages known:</td>

<td><input type="checkbox" name="chk[]" value="PHP">PHP</td>

<td><input type="checkbox" name="chk[]" value="C">C</td>

<td><input type="checkbox" name="chk[]" value="CPP">CPP</td>

<td><input type="checkbox" name="chk[]" value="JAVA">JAVA</td></tr>

<center><td rowspan="2"><input type="submit" name="submit" value="submit"></td></center>

</table>

</center>

</form>

</body>

</html>

<?php

echo "<b><u><font size=5>REGISTRATION FORM</font></u></b><br>";

$fname=$\_POST['txt1'];

$lname=$\_POST['txt2'];

$age=$\_POST['txt3'];

$addr=$\_POST['txt4'];

echo "Name: $fname $lname<br>";

echo "Age: $age<br>";

echo "Address:$addr<br>";

$r=$\_POST['rd'];

if($r==male)

echo "Gender:Male<br>";

else

echo "Gender:Female<br>";

echo"Languages Known:<br>";

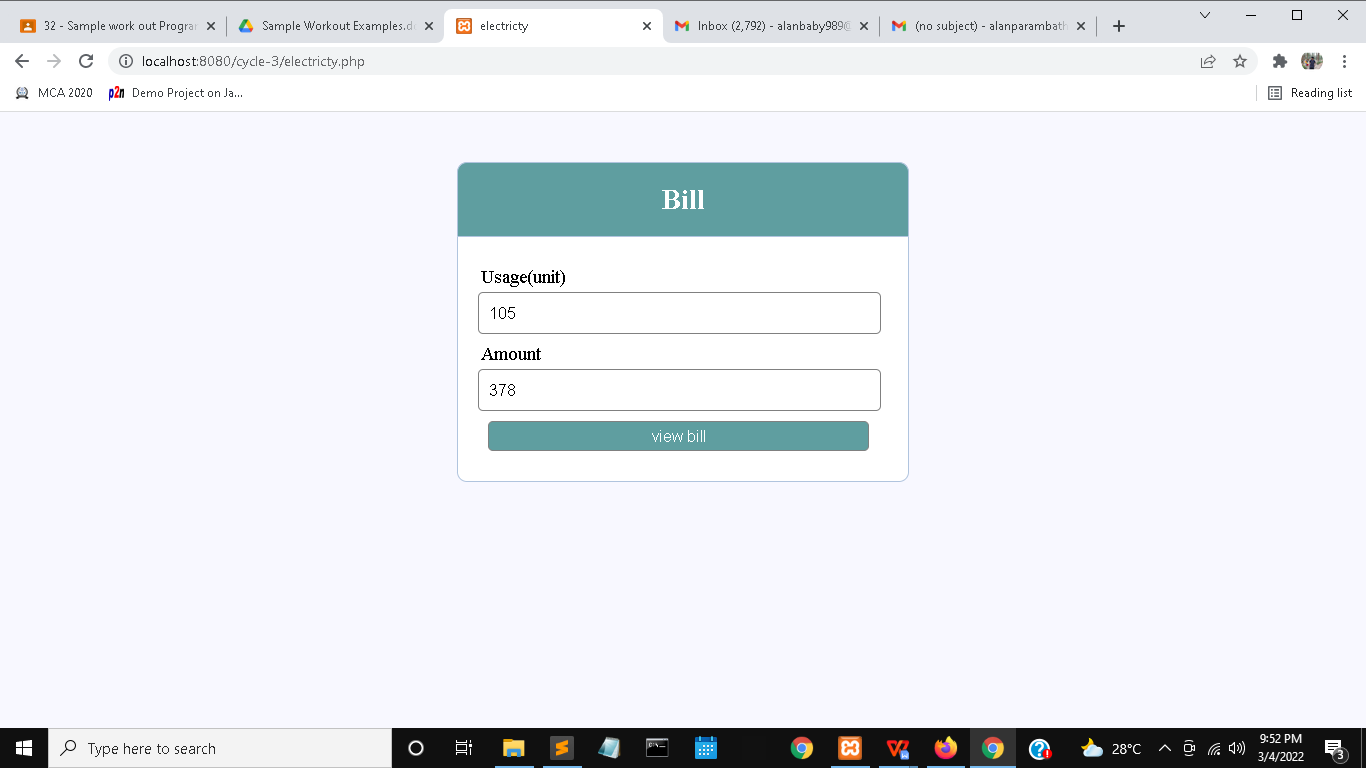
foreach($\_POST['chk'] as $selected)

{

echo $selected."<br>";

}?>

**RESULTS AND OBSERVATIONS:**



**ELECTRICITY BILL**

**PROGRAM NO: 16 DATE: 26-1-22**

**AIM:**

Compose Electricity bill from user input based on a given tariff.

**THEORETICAL SUPPORT:**

The isset() function checks whether a variable is set, which means that it has to be declared and is not NULL. This function returns true if the variable exists and is not NULL, otherwise it returns false

**CODE:**

<?php

session\_start();

$amount=0;

$usg="";

$dt="";

$temp="";

if (isset($\_POST['view\_bill']))

{

$usg=$\_POST['usage'];

if($usg<=60)

{

$amount=$amount+$usg\*3;

}

else if($usg>60 && $usg<=160)

{

$amount=60\*3;

$temp=$usg-60;

$amount=$amount+$temp\*4.40;

}

else if($usg>160 && $usg<=260)

{

$amount=60\*3+100\*4.40;

$temp=$usg-160;

$amount=$amount+$temp\*5.20;

}

else

{

$amount=60\*3+100\*4.40+100\*5.20;

$temp=$usg-260;

$amount=$amount+$temp\*6.60;

}}

?>

<!DOCTYPE html>

<html>

<head>

<title>electricty</title>

<link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

<div class="header">

<h2>Bill</h2></div>

< method="post" action="">

<div class="input-group">

<label>Usage(unit)</label>

<input type="text" name="usage" value="<?php echo $usg ?>" required>

</div>

<div class="input-group">

<label>Amount</label>

<input type="text" name="amount" value="<?php echo $amount ?>">

</div>

<div class="input-group">

<input type="submit" class="btn" name="view\_bill" style="margin-left: 10PX;" value="view bill">

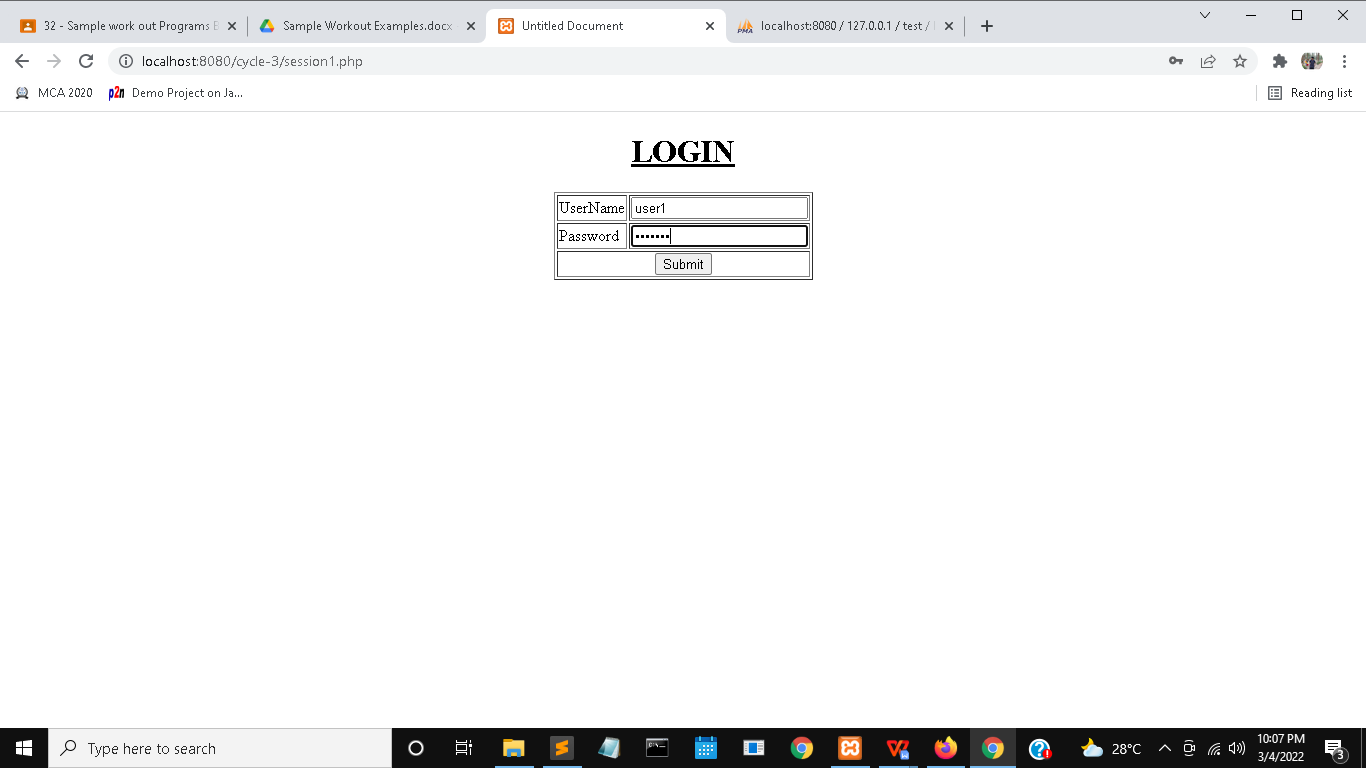
</div>

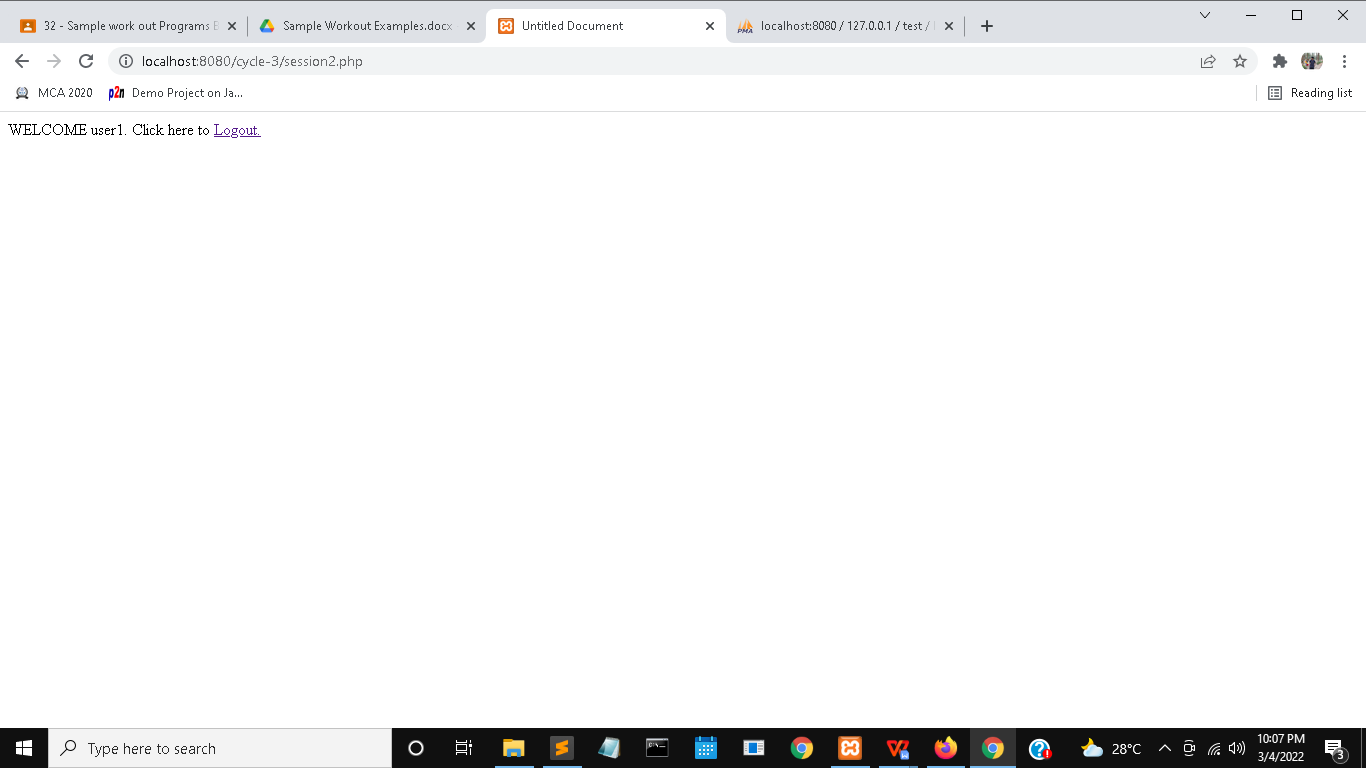
</form>

</body>

</html>

**RESULTS AND OBSERVATIONS:**

****

****

**LOGIN FORM**

**PROGRAM NO: 17 DATE: 10-2-22**

**AIM:**

create login form using database.

**THEORETICAL SUPPORT:**

MySQL is a relational database management system based on the Structured Query Language,which is the popular language for accessing and managing the records in the database.

**CODE:**

<?php

ob\_start();

session\_start();

?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

<title>Untitled Document</title>

</head>

<body>

<center>

<h1><b><u>LOGIN</u></b></h1>

<form id="form1" name="form1" method="get" action="">

<table width="200" border="1">

<tr>

<td>UserName</td>

<td><input name="txt1" type="text" id="txt1" /></td>

</tr>

<tr>

<td>Password</td>

<td><input name="txt2" type="password" id="txt2" /></td>

</tr>

<tr>

<td colspan="2" align="center"><input type="submit" name="Submit" value="Submit" /></td>

</tr>

</table>

</form>

</body>

<?php

if(isset($\_GET['Submit']))

{

$dbhost = 'localhost';

$dbuser = 'root';

$dbpass = '';

$db='test';

$t1=$\_GET['txt1'];

$t2=$\_GET['txt2'];

$con=new mysqli($dbhost,$dbuser,$dbpass,$db);

$query="select uname,password from login where uname='$t1' and password='$t2'";

$result=$con->query($query);

if($rw=$result->fetch\_row())

{

$\_SESSION["username"]=$rw[0];

header("location:session2.php");

}

else

{

echo "Invalid";

include\_once "session1.php";

}

}

?>

</html>

<?php

session\_start();

?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

<title>Untitled Document</title>

</head>

<body>

<form id="form1" name="form1" method="get" action="">

</form>

</body>

<?php

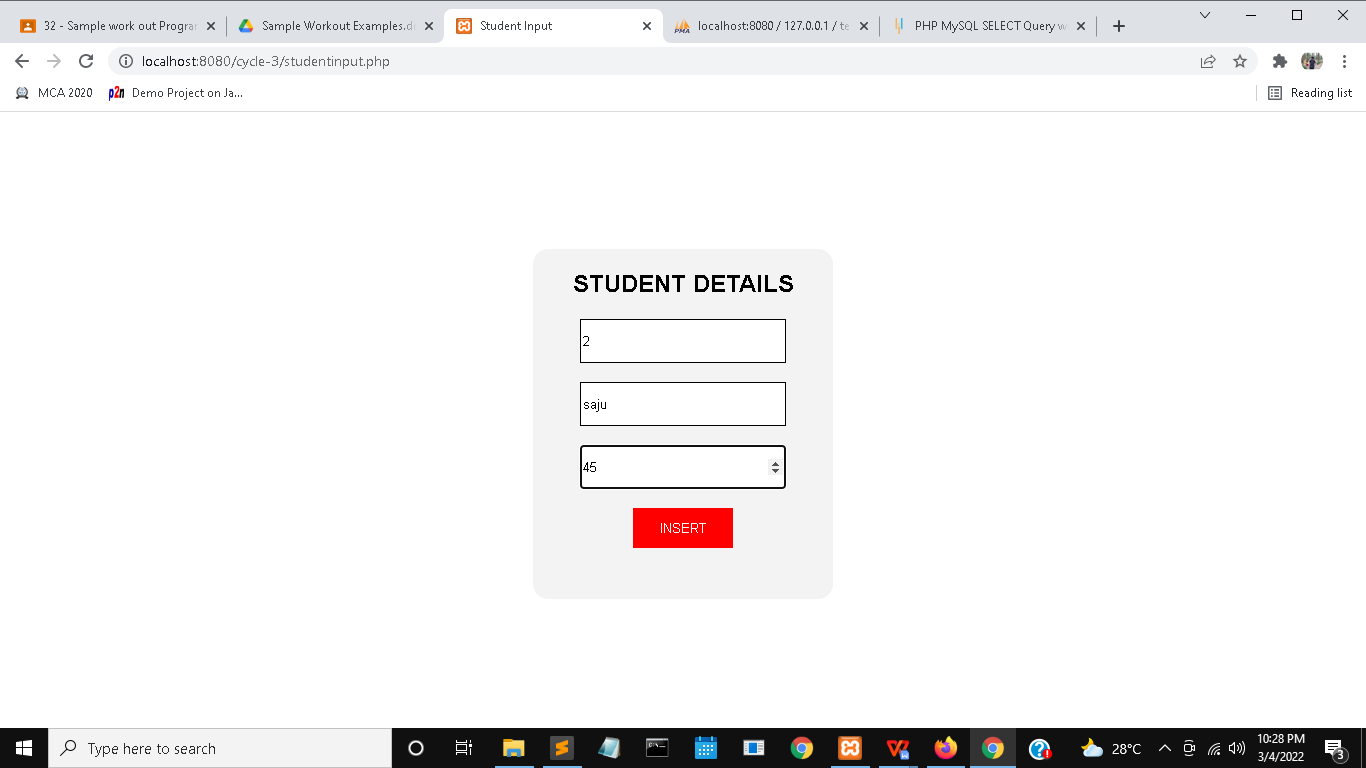
$name=$\_SESSION['username'];

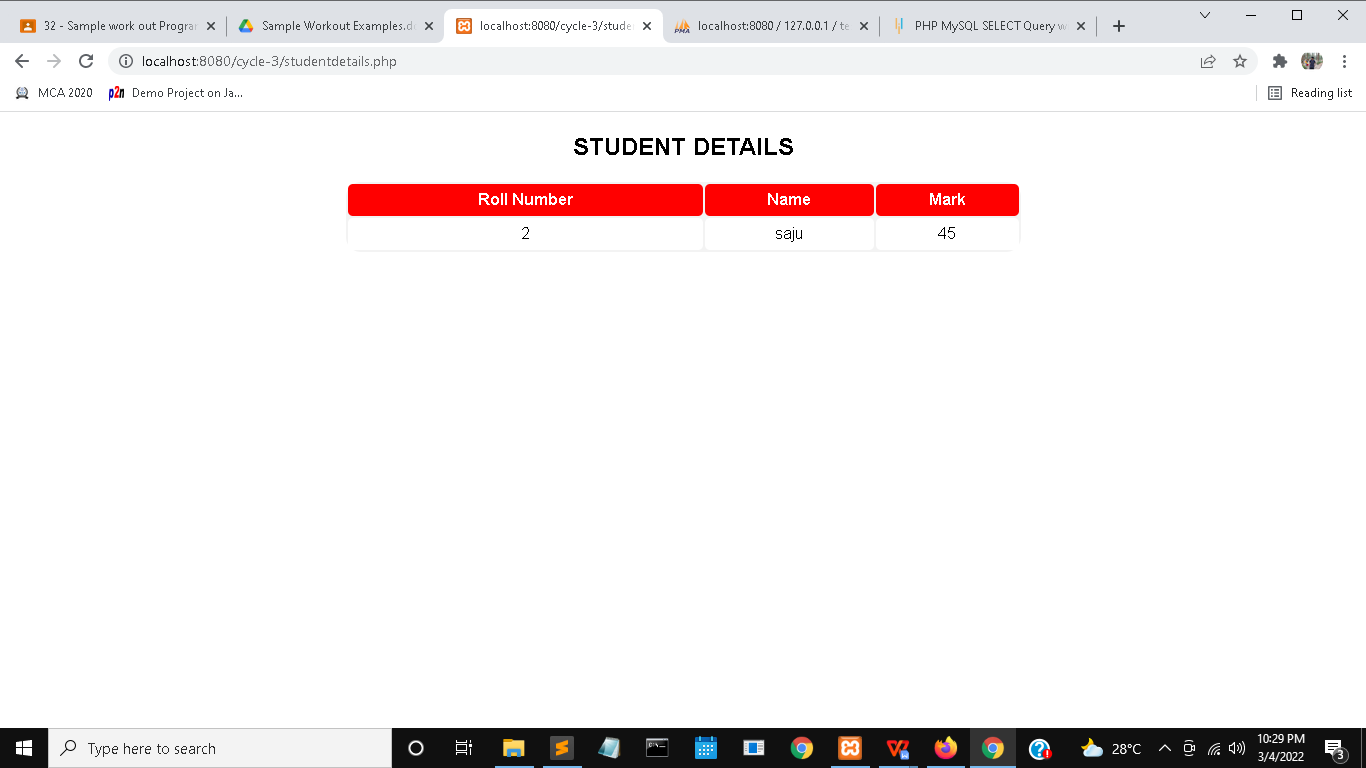
echo "WELCOME ".$name;

?>. Click here to <a href="session1.php" title="Logout">Logout.

</html>

**RESULTS AND OBSERVATIONS:**

****

****

**STORING AND RETRIEVING DATA**

**PROGRAM NO: 18 DATE: 20-2-22**

**AIM:**

write a php program to accept student details and store it into database, also display the details from database

**THEORETICAL SUPPORT:**

The [INSERT INTO](https://www.tutorialrepublic.com/sql-tutorial/sql-insert-statement.php) statement is used to insert new rows in a database table. In [SQL](https://www.simplilearn.com/tutorials/sql-tutorial/what-is-sql), ‘select' queries are used to retrieve one or more records from a table/database, and can also support various condition clauses depending on the needs of the user

**CODE:**

<!DOCTYPE html>

<html>

<head>

<title>Student Input</title>

</head>

<style type="text/css">

body{

font-family: sans-serif;

}

.box{

position: absolute;

top: 50%;

left: 50%;

transform: translate(-50%,-50%);

width: 300px;

height: 350px;

background-color:#f3f3f3;

border-radius: 15px;

text-align: center;

}

input{

width: 200px;

height: 40px;

border: solid 1px black;

}

.insert{

width: 100px;

height: 40px;

border: none;

background-color: red;

color: white;

}

</style>

<body>

<center>

<div class="box">

<form action="studentinput.php" method="post">

<h2>STUDENT DETAILS</h2>

<input type="number" name="rollno" required autocomplete="off" placeholder="Roll Number"><br><br>

<input type="text" name="name" required autocomplete="off" placeholder="Name"><br><br>

<input type="number" name="mark" required autocomplete="off" placeholder="Mark"><br><br>

<input type="submit" name="submit" value="INSERT" class="insert">

</form>

</div>

</center>

</body>

</html>

<?php

$conn=mysqli\_connect("localhost","root","","test")or die("unable to connect!!");

if(!empty($\_POST))

{

$name=$\_POST['name'];

$rollno=$\_POST['rollno'];

$mark=$\_POST['mark'];

$q="insert into studentdetails(rollno,name,mark)values('$rollno','$name','$mark')";

if(mysqli\_query($conn,$q)==true)

{

header("location:studentdetails.php");

}

}

?>

<!DOCTYPE html>

<html>

<head>

<title></title>

</head>

<style type="text/css">

body{

font-family: sans-serif;

}

table{

background-color:#f3f3f3;

width: 50%;

text-align: center;

border-radius: 15px;

}

th{

background-color: red;

color: white;

border-radius: 5px;

height: 30px;

}

td{

background-color: white;

color: black;

border-radius: 5px;

height: 30px;

}

</style>

<body>

<center>

<h2>STUDENT DETAILS</h2>

<table align="center">

<tr>

<th>Roll Number</th>

<th>Name</th>

<th>Mark</th>

</tr>

<?php

$conn=mysqli\_connect("localhost","root","","test")or die("unable to connect!!");

$select = "select \* from studentdetails ORDER BY `rollno`";

$result =mysqli\_query($conn,$select);

while($row = mysqli\_fetch\_assoc($result)){

?>

<tr>

<td><?php echo $row["rollno"]; ?></td>

<td><?php echo $row["name"]; ?></td>

<td><?php echo $row["mark"]; ?></td>

</tr>

<?php

}

?>

</table>

</center>

</body>

</html>