

Practical Based Assessment-1

1. Write Program to demonstrate the use of variables using mathematical calculator.

HTML Code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Simple Calculator</title>
  </head>
  <body>
    <form action="Cal.php" method="get">
      <table border="1px solid">
        <tr>
          <th colspan="2">Simple Calculator</th>
        </tr>
        <tr>
          <td>Enter the first number:</td>
          <td>
            <input type="text" name="num1">
          </td>
        </tr>
        <tr>
          <td>Enter the second number:</td>
          <td>
            <input type="text" name="num2">
          </td>
        </tr>
        <tr>
          <td>Select Operator:</td>
          <td>
            <select name="operator">
              <option value="+">+</option>
              <option value="-">-</option>
              <option value="*">*</option>
              <option value="/">/</option>
            </select>
          </td>
        </tr>
        <tr>
          <td colspan="2">
            <input type="submit" value="Calculate">
          </td>
        </tr>
      </table>
    </form>
  </body>
</html>
```

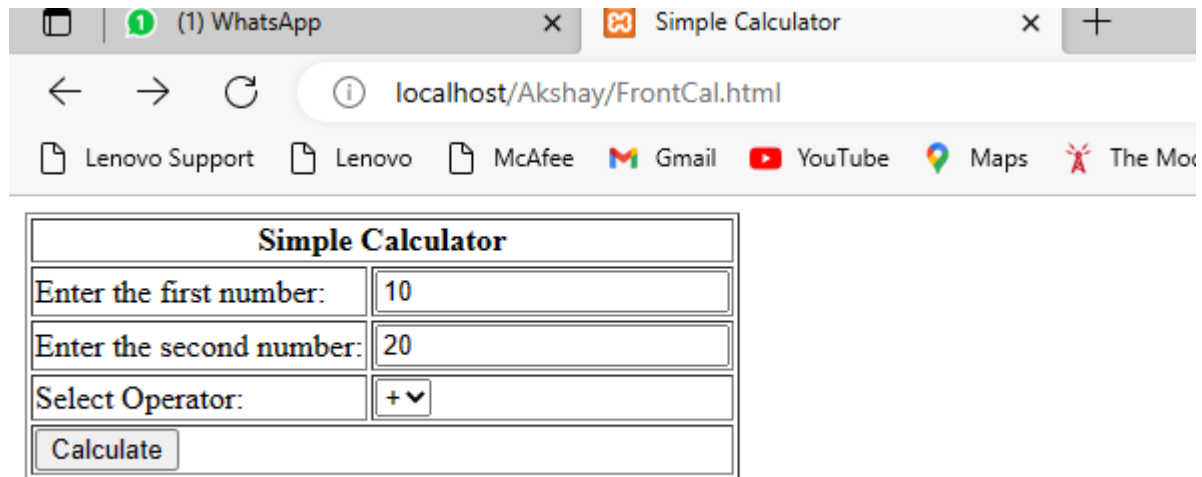
```
</form>
</body>
</html>
```

PHP Code:

```
<?php
$num1=$_GET['num1'];
$num2=$_GET['num2'];
$op=$_GET['operator'];

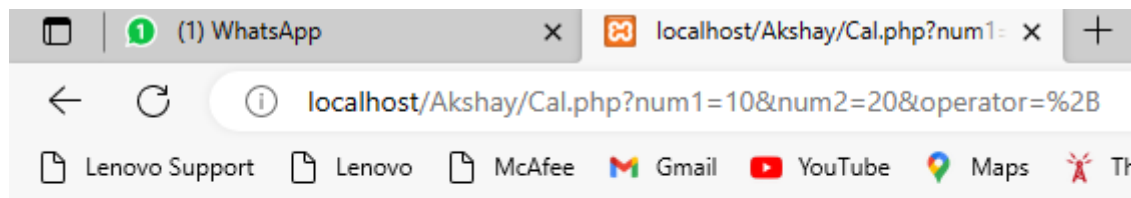
function calculate($num1,$num2,$op)
{
    if($op=='+')
        return $num1+$num2;
    else if($op=='-')
        return $num1-$num2;
    else if($op=='*')
        return $num1*$num2;
    else if($op=='/')
        return $num1/$num2;
    else
        return null;
}

$res=calculate($num1,$num2,$op);
if($res==null)
    echo "Select the correct operator.";
else
    echo "The result is: ",$res;
?>
```

Output:

The screenshot shows a web browser window with two tabs: "(1) WhatsApp" and "Simple Calculator". The address bar displays "localhost/Akshay/FrontCal.html". Below the browser window, a form titled "Simple Calculator" is visible. The form contains three input fields: "Enter the first number:" with the value "10", "Enter the second number:" with the value "20", and "Select Operator:" with a dropdown menu showing "+". A "Calculate" button is located at the bottom of the form.

Simple Calculator	
Enter the first number:	10
Enter the second number:	20
Select Operator:	+
<input type="button" value="Calculate"/>	



The screenshot shows the same web browser window after clicking the "Calculate" button. The address bar now displays "localhost/Akshay/Cal.php?num1=10&num2=20&operator=%2B". The browser window shows the result of the calculation.

Simple Calculator	
Enter the first number:	10
Enter the second number:	20
Select Operator:	+
<input type="button" value="Calculate"/>	

The result is: 30

2. Create Registration page and display all form content entered by end user on a separate webpage using PHP. (use most of the different HTML form controls and different types of variable in PHP).

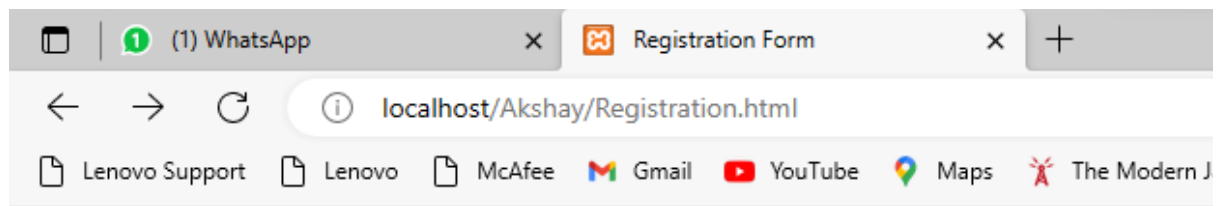
HTML Code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Registration Form</title>
  </head>
  <body>
    <h2>Registration Form</h2>
    <form action="Registration.php" method="get">
      Enter your name: <input type="text" name="name"> <br><br>
      Enter your mobile number: <input type="text" name="mobno"> <br><br>
      Enter your age: <input type="text" name="age"> <br><br>
      Select your gender: <input type="radio" name="gender" value="male">Male
                        <input type="radio" name="gender" value="female">Female
                        <input type="radio" name="gender" value="other">Other
                        <br><br>
      Enter your email id: <input type="text" name="email"> <br><br>
      Enter your username: <input type="text" name="username"> <br><br>
      Enter your password: <input type="password" name="password"> <br><br>
      <input type="submit" value="Submit">
      <input type="submit" value="Reset">
    </form>
  </body>
</html>
```

PHP Code:

```
<?php
$name=$_GET['name'];
$mobno=$_GET['mobno'];
$age=$_GET['age'];
$gender=$_GET['gender'];
$email=$_GET['email'];
$username=$_GET['username'];
$password=$_GET['password'];

echo "Name: ",$name,"<br>Mobile Number: ",$mobno,"<br>Age:
", $age,"<br>Gender: ",$gender,"<br>Email Id: ",$email,"<br>Username:
", $username,"<br>Password: ",$password;
?>
```

Output:

Registration Form

Enter your name:

Enter your mobile number:

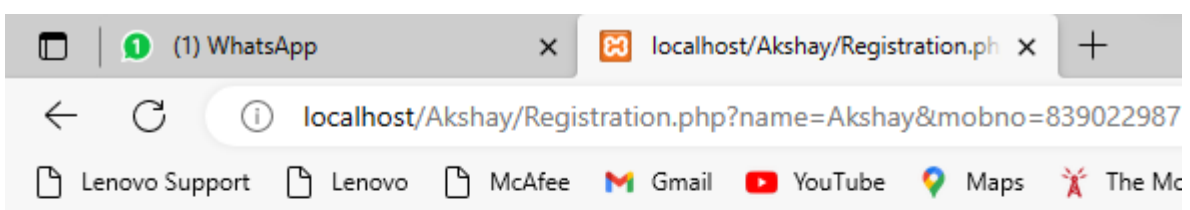
Enter your age:

Select your gender: ☒ Male ☐ Female ☐ Other

Enter your email id:

Enter your username:

Enter your password:



Name: Akshay

Mobile Number: 8390229872

Age: 22

Gender: male

Email Id: varhade2016@gmail.com

Username: akshay

Password:

3. Create a PHP page for Registration page with MySQL connection.

HTML Code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Registration Form</title>
  </head>
  <body>
    <h2>Registration Form</h2>
    <form action="db1.php" method="post">

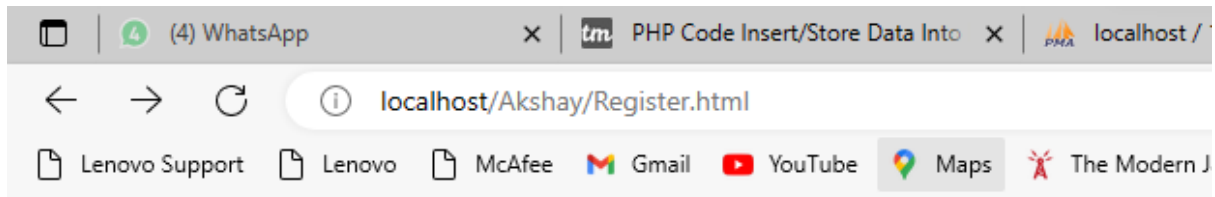
      Enter your name: <input type="text" name="name"> <br><br>
      Enter your mobile number: <input type="text" name="mobile"> <br><br>
      Enter your email id: <input type="text" name="email"> <br><br>

      <input type="submit" name="submit" value="Submit">
      <input type="submit" value="Reset">
    </form>
  </body>
</html>
```

PHP Code:

```
<?php
  $servername='localhost';
  $username='root';
  $password="";
  $dbname = "register";
  $conn=mysqli_connect($servername,$username,$password,"$dbname");
  if(!$conn){
    die('Could not Connect MySql Server:' .mysql_error());
  }
?>
<?php
include_once 'DB.php';
if(isset($_POST['submit']))
{
  $name = $_POST['name'];
  $email = $_POST['email'];
  $mobile = $_POST['mobile'];
  $sql = "INSERT INTO user (name,email,mobile)
  VALUES ('$name','$email','$mobile')";
  if (mysqli_query($conn, $sql)) {
    echo "New record has been added successfully !";
```

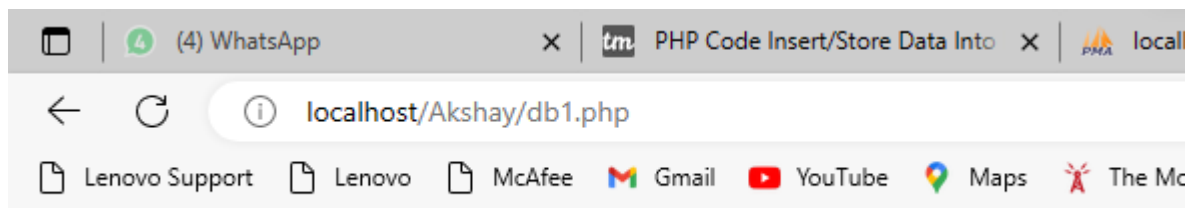
```
} else {  
    echo "Error: " . $sql . ":-" . mysqli_error($conn);  
}  
mysqli_close($conn);  
}  
?>
```

Output:**Registration Form**

Enter your name:

Enter your mobile number:

Enter your email id:



New record has been added successfully !

phpMyAdmin Server: 127.0.0.1 » Database: register » Table: user

Browse Structure SQL Search Insert Export Import

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are disabled.

✓ Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

```
SELECT * FROM `user`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▼ Filter rows:

Extra options

name	mobile	email
Akshay	2147483647	varhade2016@gmail.com
Akshay	2147483647	varhade2016@gmail.com

☐ Show all | Number of rows: 25 ▼ Filter rows:

4. Create a PHP page for login page with MySQL connection.

HTML Code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Login Page</title>
  </head>
  <body>
    <h2>Login Page</h2>
    <form action="Login.php" method="get">
      <label>Enter name: </label> <input type="text" name="name"> <br><br>
      <label>Enter mobile no: </label> <input type="text" name="mobile">
    <br><br>
    <input type="submit" value="Submit">
    <input type="submit" value="Reset">
  </form>
</body>
</html>
```

PHP Code:

```
<?php
$name=$_GET['name'];
$mobile=$_GET['mobile'];

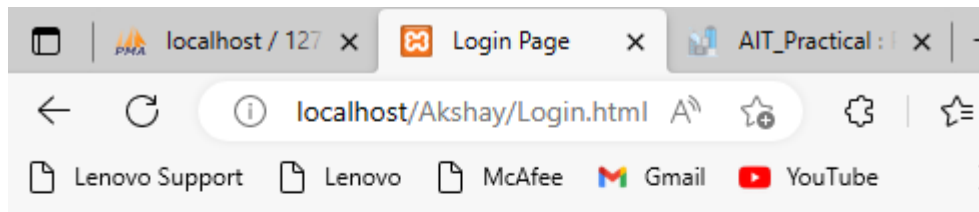
$servername="localhost";
$dbusername="root";
$dbpassword="";
$dbname="register";

$conn=mysqli_connect($servername,$dbusername,$dbpassword,$dbname);
if(!$conn)
    die("Connection could not be established.");

$query="select * from user where name='$name' and mobile='$mobile'";

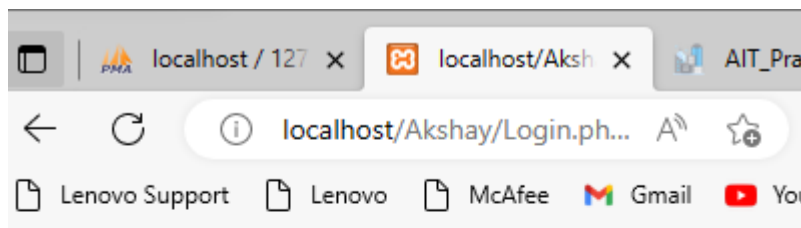
$result=mysqli_query($conn,$query);
$rows=mysqli_num_rows($result);

if($rows==1)
    echo "Login successful.";
else
    echo "Credentials do not match.";
?>
```

Output:**Login Page**

Enter name:

Enter mobile no:



Login successful.

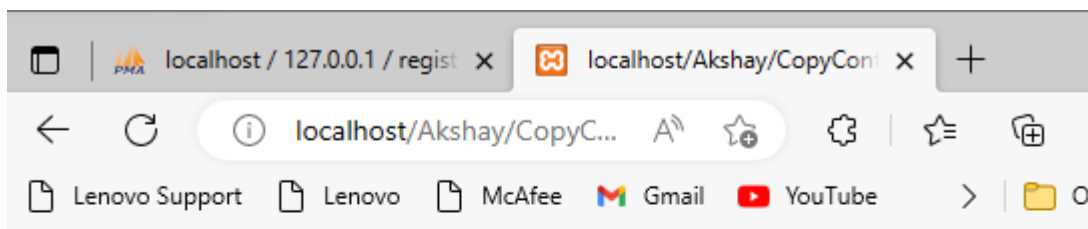
5. Write a PHP program to Read from existing file and write to another file.

PHP Code:

```
<?php
    $sourceFile="abc.txt";
    $destinationFile="xyz.txt";

    if(!copy($sourceFile,$destinationFile))
        echo "File contents could not be copied.";
    else
        echo "File contents were copied successfully.";
?>
```

Output:



File contents were copied successfully.

