**AIT Practical Based Assessment\_1 (PBA-1) (PHP)**

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Q1) Write a program to demonstrate the use of variables using mathematical calculator.

* Calculator.html:

<!DOCTYPE html>

<html>

<head>

<title>Simple Calculator</title>

</head>

<body>

<form action="Calculator.php" method="get">

<table border="3px solid">

<tr>

<th colspan="4">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="+">Addition (+)</option>

<option value="-">Subtraction (-)</option>

<option value="\*">Multiplication (\*)</option>

<option value="/">Division (/)</option>

</select>

</td>

</tr>

<tr>

<td colspan="4">

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

</td>

</tr>

</table>

</form>

</body>

</html>

* Calculator.php:

<?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);

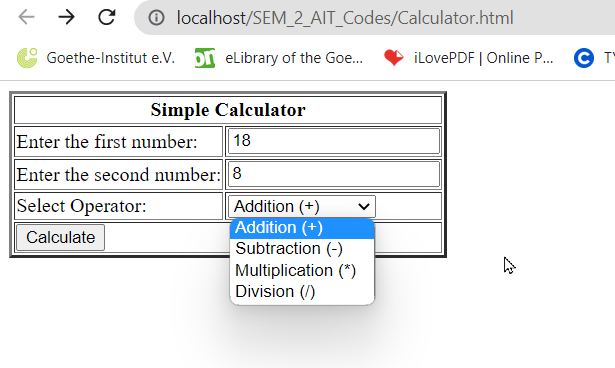
if($res==null)

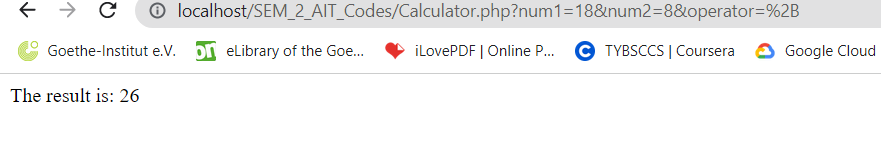
echo "Select the correct operator.";

else

echo "The result is: ",$res;

?>





Q2) 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).

* RegistrationForm.html:

<!DOCTYPE html>

<html>

<head>

<title>Registration Form</title>

</head>

<body>

<h2>Registration Form</h2>

<form action="RegistrationForm.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 residential address: <input type="text" name="address"> <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>

* RegistrationForm.php:

<?php

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

$mobno=$\_GET['mobno'];

$age=$\_GET['age'];

$gender=$\_GET['gender'];

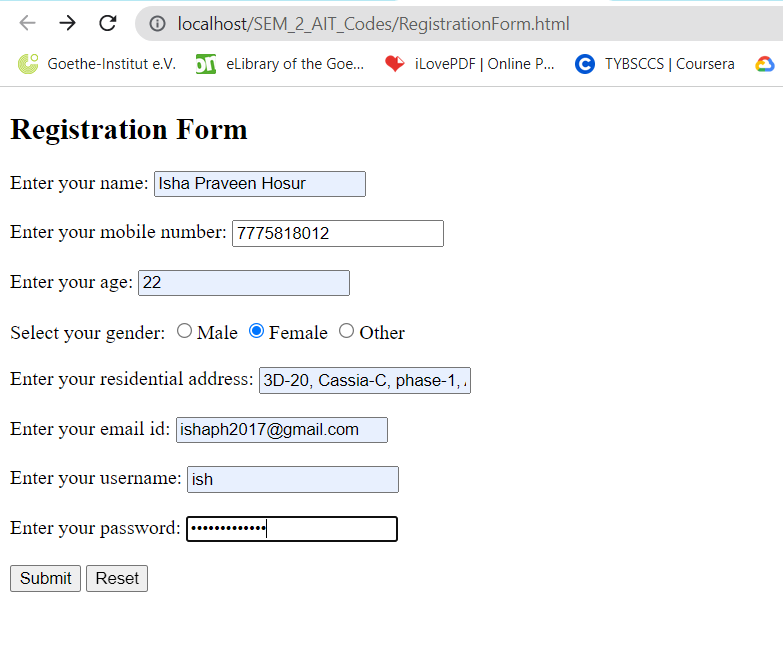
$address=$\_GET[address];

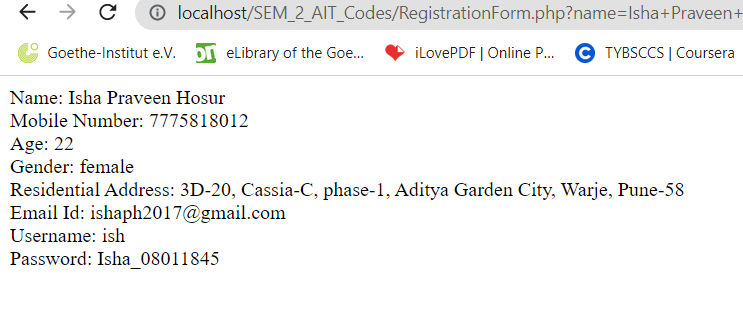
$email=$\_GET['email'];

$username=$\_GET['username'];

$password=$\_GET['password'];

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

?>



Q3) Create a PHP page for Registration page with MySQL connection.

* RegistrationForm2.html:

<!DOCTYPE html>

<html>

<head>

<title>Registration Form</title>

</head>

<body>

<h2>Registration Form</h2>

<form action="RegistrationForm2.php" method="get">

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

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 residential address: <input type="text" name="address"> <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>

* RegistrationForm2.php:

<?php

$id=$\_GET['id'];

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

$mobno=$\_GET['mobno'];

$age=$\_GET['age'];

$gender=$\_GET['gender'];

$address=$\_GET[address];

$email=$\_GET['email'];

$username=$\_GET['username'];

$password=$\_GET['password'];

$servername="localhost";

$dbusername="root";

$dbpassword="";

$dbname="sample";

$conn=mysqli\_connect($servername,$dbusername,$dbpassword,$dbname);

if(!$conn)

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

//print\_r($conn);

$query="insert into user values ('$id','$name','$mobno','$age','$gender', '$address,'$email','$username','$password')";

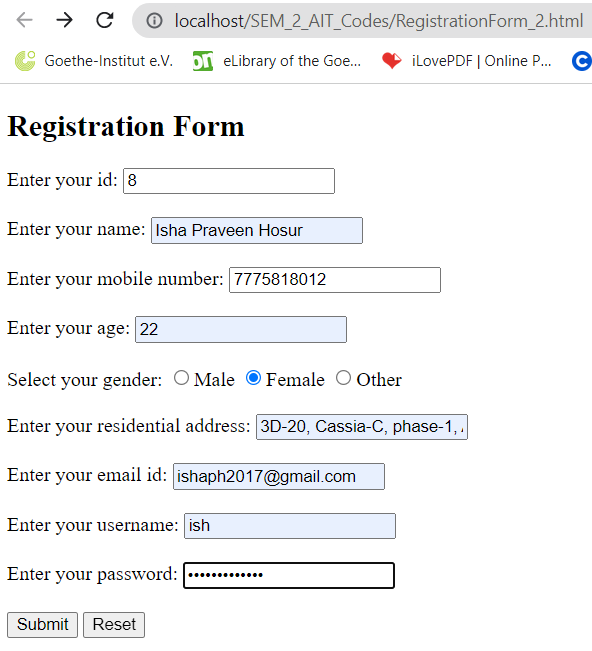
if(mysqli\_query($conn,$query))

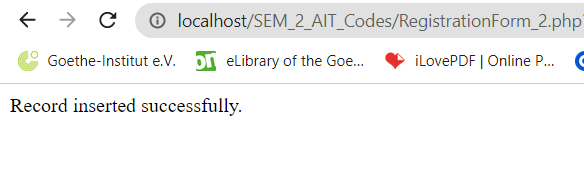
echo "Record inserted successfully.";

else

echo "Error.".msqli\_error();

$conn->close();

?>



Q4) Create a PHP page for login page with MySQL connection.

* LoginForm.html:

<!DOCTYPE html>

<html>

<head>

<title>Login Page</title>

</head>

<body>

<h2>Login Page</h2>

<form action="LoginPage.php" method="get">

<label>Enter username: </label> <input type="text" name="username"> <br><br>

<label>Enter password: </label> <input type="password" name="password"> <br><br>

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

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

</form>

</body>

</html>

* LoginForm.php:

<?php

$username=$\_GET['username'];

$password=$\_GET['password'];

$servername="localhost";

$dbusername="root";

$dbpassword="";

$dbname="sample";

$conn=mysqli\_connect($servername,$dbusername,$dbpassword,$dbname);

if(!$conn)

die("Connection could not be established.");

$query="select \* from user where username='$username' and password='$password'";

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

$rows=mysqli\_num\_rows($result);

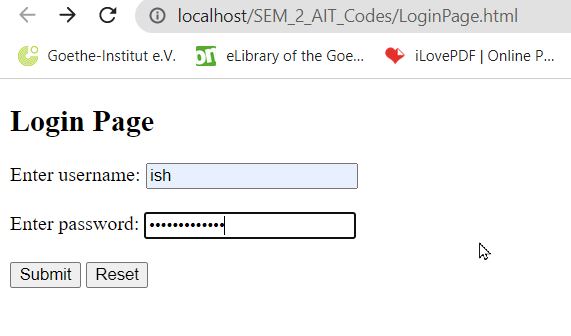
if($rows==1)

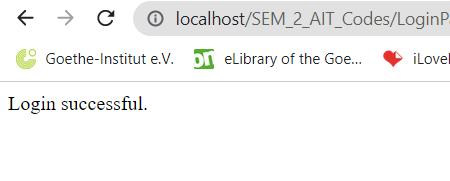
echo "Login successful.";

else

echo "Credentials do not match.";

?>





Q5) Write a PHP program to Read from existing file and write to another file.

* CopyFileContents.php:

<?php

$sourceFile="file1.txt";

$destinationFile="file2.txt";

if(!copy($sourceFile,$destinationFile))

echo "File contents could not be copied.";

else

echo "File contents were copied successfully.";

?>

