
Program no:01

Aim: Model a simple HTML file to demonstrate the use of different tags.

Source Code:

```
<html>

<head>

<title>home</title>

</head>

<body bgcolor="black">

<h1 style="color:red"><center>Amaljyothi College Of
Engineering</center></h1>

<center></center>

<font color="red">

<h3>

<p>Amal Jyothi College of Engineering, Kottayam established in 2001 under
Diocese Educational Trust, Kanjirappally. It is affiliated to APJ Abdul Kalam
Technological University (KTU), Kottayam. It is approved by All India Council
for Technical Education (AICTE), New Delhi and accredited by National Board
of Accreditation (NBA), New Delhi.</p>

<p>The vision of the institute is to be a centre of excellence in technical higher
education, research and support services, capable of making a significant
contribution to individual and societal empowerment.

The mission of the institute is to create technically qualified world-class
professionals with social commitment through career-oriented courses
```

conducted by high profile faculties, complemented with globally interactive learning processes and leading edge technology.

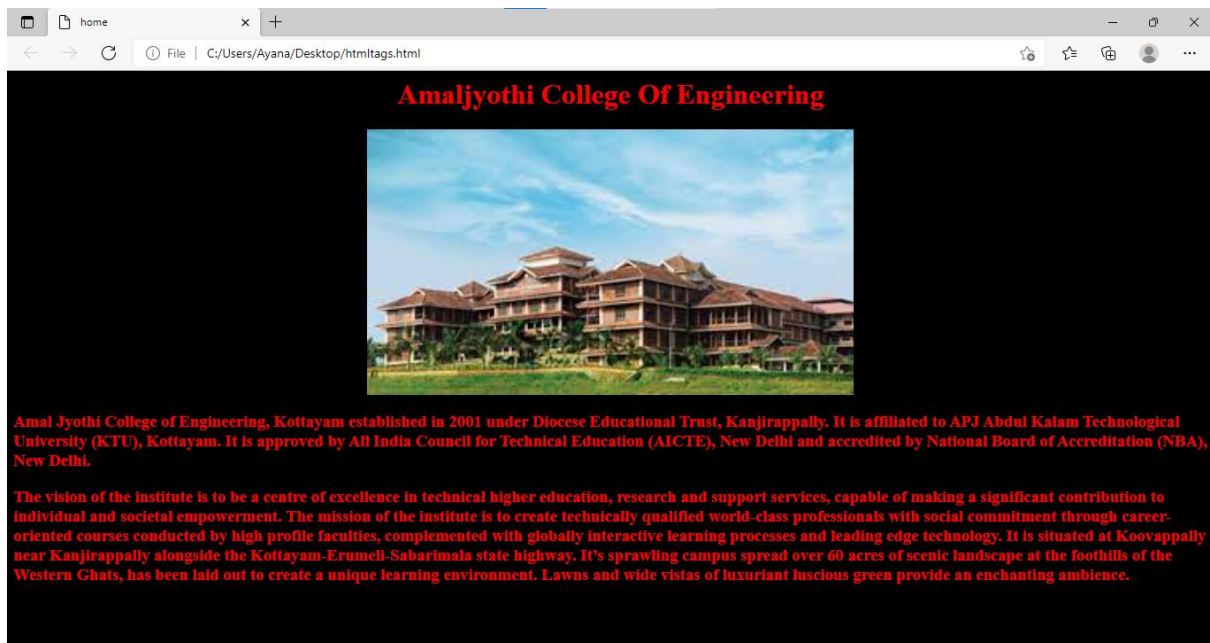
It is situated at Koovappally near Kanjirappally alongside the Kottayam-Erumeli-Sabarimala state highway. It's sprawling campus spread over 60 acres of scenic landscape at the foothills of the Western Ghats, has been laid out to create a unique learning environment. Lawns and wide vistas of luxuriant luscious green provide an enchanting ambience.

</h3>

</body>

</html>

Output:



Program no:02

Aim: Create a HTML file to link to different HTML page which contain images, tables, and link within a page.

Source Code:

Website.html

```
<html>

<head><title>Amal Jyothi Engineering College</title></head>

<body >

<center>

<image src="download.jpeg">

<br>

<a href="about.html">About us</a>

<a href="dept.html">Departments</a>

</center>

</body>

</html>
```

About.html

```
<html>

<body>

<h3>About Us</h3>

<p>Amal Jyothi College of Engineering, Kottayam established in 2001 under Diocese Educational Trust, Kanjirappally. It is affiliated to APJ Abdul Kalam Technological University (KTU), Kottayam. It is approved by All India Council for Technical Education (AICTE), New Delhi and accredited by National Board of Accreditation (NBA), New Delhi.</p>
```

<p>The vision of the institute is to be a centre of excellence in technical higher education, research and support services, capable of making a significant contribution to individual and societal empowerment.

The mission of the institute is to create technically qualified world-class professionals with social commitment through career-oriented courses conducted by high profile faculties, complemented with globally interactive learning processes and leading edge technology.

It is situated at Koovappally near Kanjirappally alongside the Kottayam-Erumeli-Sabarimala state highway. It's sprawling campus spread over 60 acres of scenic landscape at the foothills of the Western Ghats, has been laid out to create a unique learning environment. Lawns and wide vistas of luxuriant luscious green provide an enchanting ambience.</p>

</body>

</html>

Dept.html

<html>

<body>

<h3>Departments</h3>

Department of Computer Science & Engineering

Department of Electronics & Communication Engineering

Department of Electrical & Electronics Engineering

Department of Mechanical Engineering

Department of Civil Engineering

Department of Chemical Engineering

Department of Automobile Engineering

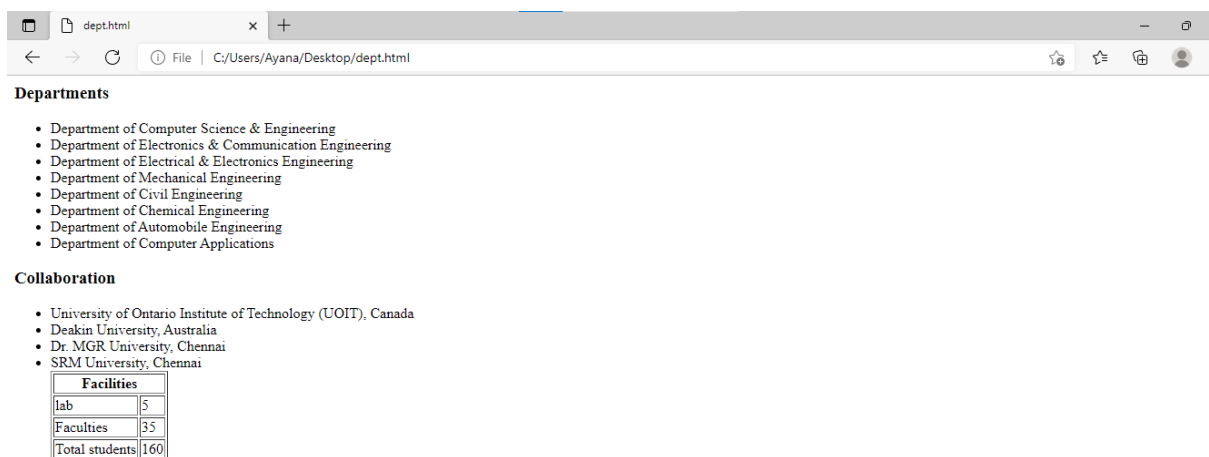
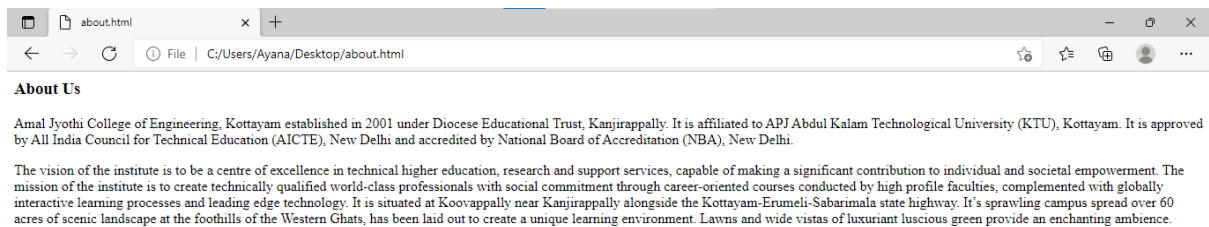
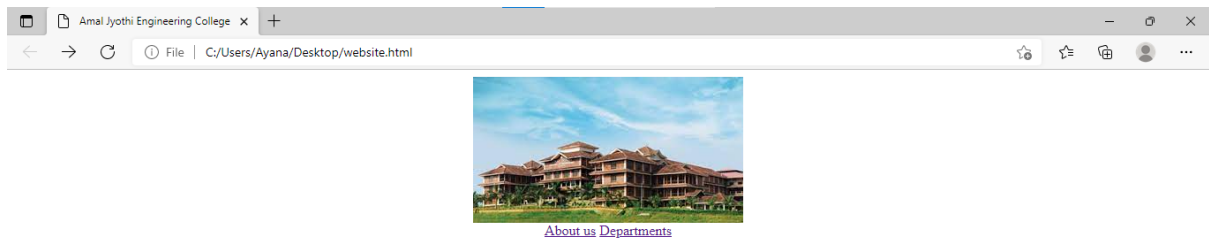
Department of Computer Applications

Collaboration

- University of Ontario Institute of Technology (UOIT), Canada
- Deakin University, Australia
- Dr. MGR University, Chennai
- SRM University, Chennai

|
 Facilities | ||
 lab | 5 ||
 Faculties | 35 ||
 Total students | 160 |

Output:



Program no:03

Aim: Create a HTML page with different types of frames such as floating frame, navigation frame & mixed frame.

Source Code:

Frame.html

```
<head>

<title>Frame</title>

</head>

<frameset cols="20%,80%">

<frame src="navigation.html">

<frameset rows="40%,40%">

<frame src="iframe.html"/>

<frame src="a.JPG" width="100%"/>

</frameset>

</frameset>

</html>
```

Iframe.html

```
<html>

<body>

<h1>IFrame</h1>

<iframe src="https://www.javatpoint.com/" width="50%"
height="70%"></iframe>

</body>

</html>
```

Mixed.html

```
<html>

<frameset cols="30%,*">

<frame src="1.html"></frame>

<frameset rows="50%,*">

<frame src="2.html" autostart="true">

<frame src="3.html" >

</frameset>

</frameset>

</html>
```

Navigation.html

```
<html>

<body>

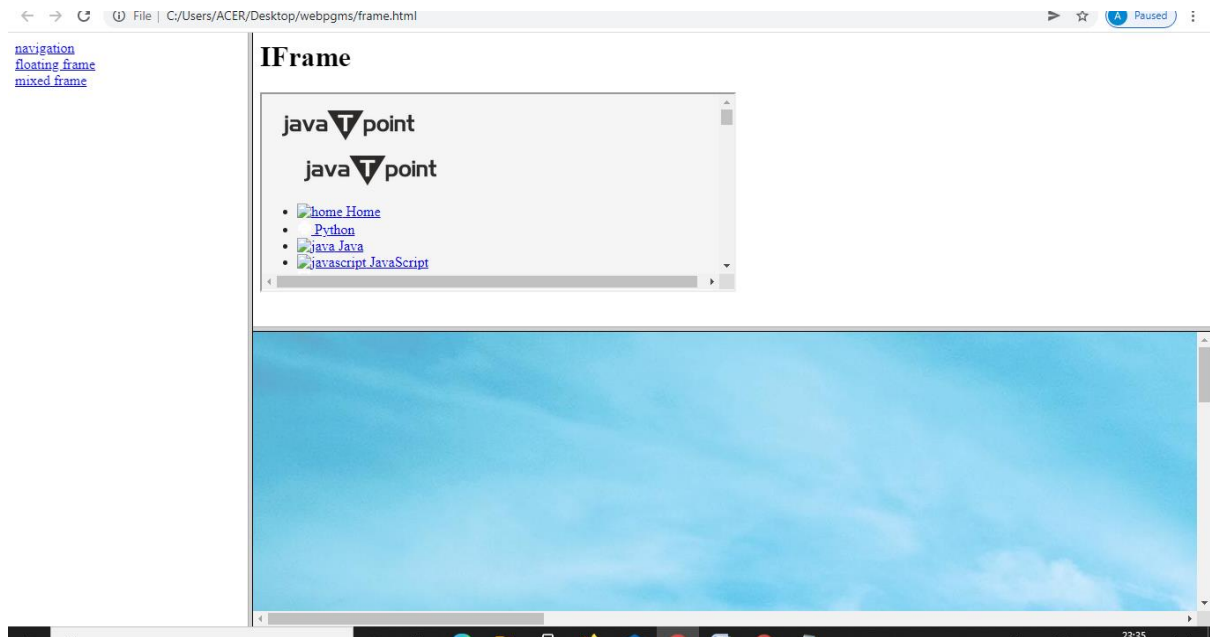
<a href="1.html">navigation</a><br>

<a href="2.html">floating frame</a><br>

<a href="01.html">mixed frame</a><br>

<body>

</html>
```


Output:

Program no:04

Aim: Analyze CSS by applying the different styles using inline, external & internal style sheets in a HTML file.

Source Code:

Resume2.html

```
<html>

<head>

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

<style type="text/css">

body{margin:0,height:160px}

div{

padding:25px 50px 75px 100px;

}</style>

</head>

<body>

<h1 style="color:red;"><center><b>RESUME</b></center></h1>

<div id="header">

<h3>NAME:ANJU JOHN</h2>

<h3>ADDRESS:Korandiyarkunnel(h)Perumpadavom p.o, Elanji</h2>

<h5>Email:anjujohn@gmail.com</h5>

<h2>CAREER OBJECTIVE</h2>

<h4>To secure a challenging position in a reputable organization to expand my learnings,knowledge and skills.</h4>

<h2>EDUCATIONAL QUALIFICATION</h2>
```

```
<table border="6">

<tr>

<th>Course</th>

<th>Institution</th>

<th>CGPA</th>

<th>year of pass</th>

</tr>

<tr>

<td>B.Com</td>

<td>Devamatha College</td>

<td>7.78</td>

<td>2021</td>

</tr>

<tr>

<td>12th</td>

<td>St.Peters HSS</td>

<td>91.3</td>

<td>2018</td>

</tr>

<tr>

<td>10th</td>

<td>Bappuji Central School</td>

<td>9.6</td>

<td>2016</td>

</tr>
```

```
</table>
```

```
<h2>PERSONAL SKILLS</h2>
```

```
<ul>
```

```
<li>ability to work </li>
```

```
<li>easily adaptable to any environment</li>
```

```
<li>motivator</li>
```

```
</ul>
```

```
<h2>REFERENCE</h2>
```

```
<h4>
```

Anish Thomas,

Dept of ComputerApplication

Ass.Professorin Devamatha College</h4>

```
</div>
```

```
</body>
```

```
</html>
```

Style.css

```
p{
```

```
    text-align:left;
```

```
    letter-spacing:3px;
```

```
}
```

```
h3{
```

```
    word-spacing:5px;
```

```
    font-weight:bold;
```

```
    color:blue;
```

```
}
```

```

h5{
    color:blue;
}

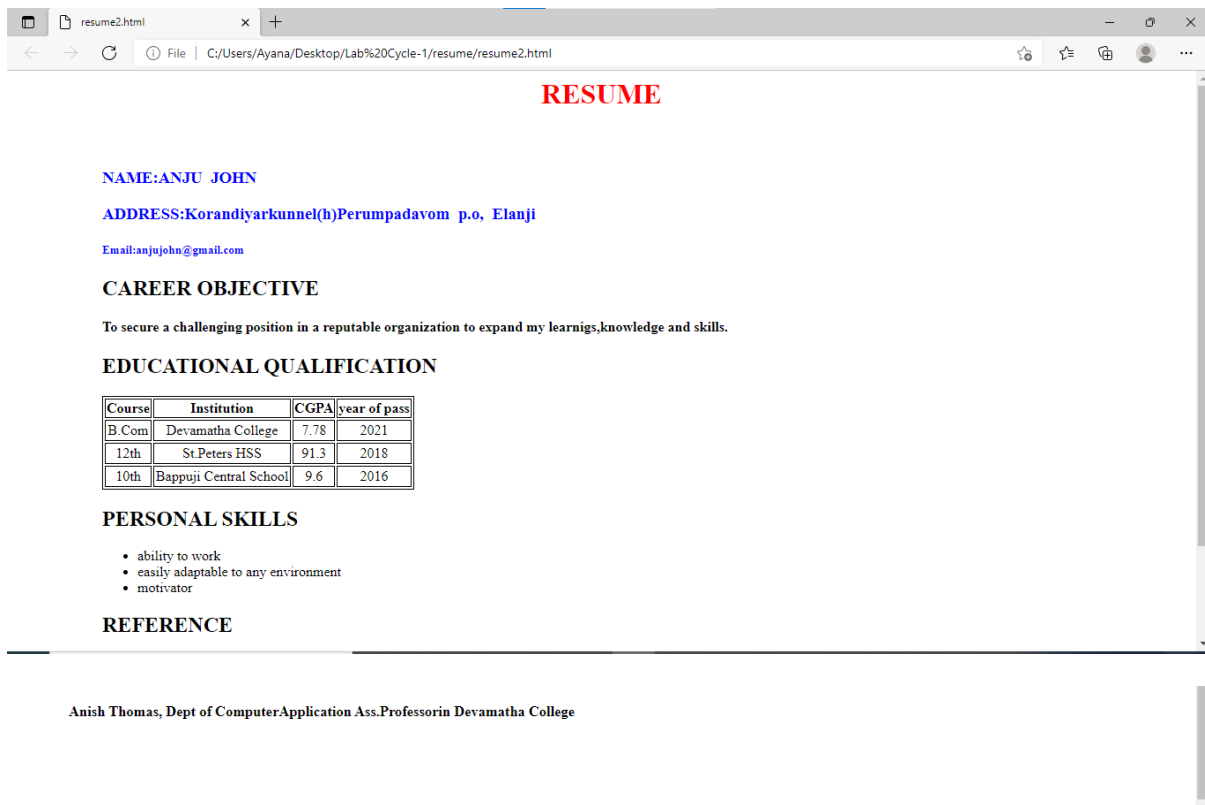
ul{
    list-style-type: square;
}

table,th,td{
    border:1px solid black;
}

td{
    padding:2px;
    text-align:center;
}

```

Output:



Program no:05

Aim: Create a HTML page to explain the use of various predefined functions in a string and math object in java script

Source Code:

```
<html>

<body>

<p id="demo"></p>

<p>Enter a number</p>

<input type="text" id="Text1" name="TextBox1">

<br>

<br>

<input type="text" id="Text2" name="TextBox2">

<input type="button" name="clickbtn" value="square root" onclick="sq()"
onclick="ceil()">

<br>

<br>

<input type="text" id="Text3" name="TextBox3">

<input type="button" name="clickbtn" value="ceiling" onclick="ceil()">

<br>

<br>

<input type="text" id="Text4" name="TextBox4">

<input type="button" name="clickbtn" value="flooring" onclick="floor()">

<br>

<br>
```

```
<input type="text" id="Text5" name="TextBox5">

<input type="button" name="clickbtn" value="absolute" onclick="abs()">

<br>

<br>

<input type="text" id="Text6" name="TextBox6">

<input type="button" name="clickbtn" value="rounding" onclick="round()">

<br>

<br>

<script type="text/javascript">

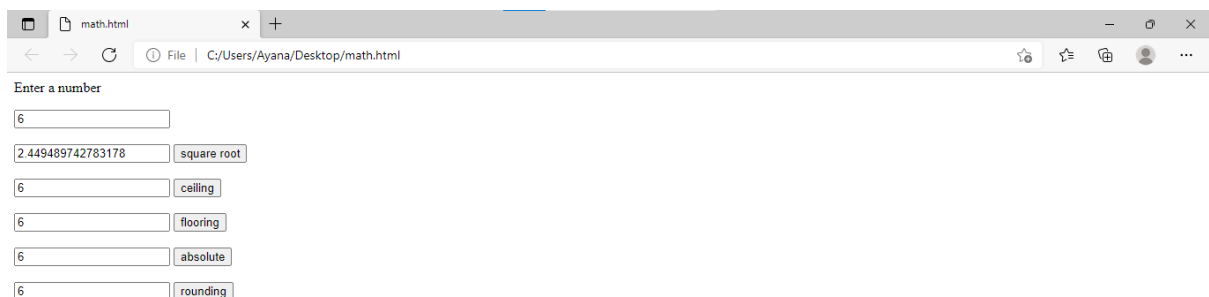
function sq()
{
var first_number = parseInt(document.getElementById("Text1").value);
var r=Math.sqrt(first_number);
document.getElementById("Text2").value = parseFloat(r);
}

function ceil()
{
var first_number = parseInt(document.getElementById("Text1").value);
var s=Math.ceil(first_number);
document.getElementById("Text3").value = parseFloat(s);
}

function floor()
{
var first_number = parseInt(document.getElementById("Text1").value);
var a=Math.floor(first_number);
document.getElementById("Text4").value = parseFloat(a);
```

```
}  
  
function abs()  
{  
    var first_number = parseInt(document.getElementById("Text1").value);  
    var b=Math.abs(first_number);  
    document.getElementById("Text5").value = parseFloat(b);  
}  
  
function round()  
{  
    var first_number = parseInt(document.getElementById("Text1").value);  
    var c=Math.round(first_number);  
    document.getElementById("Text6").value = parseFloat(c);  
}  
  
</script>  
  
</body>  
  
</html>
```

Output:



Program no:06

Aim: Generate the calendar using JavaScript code by getting the year from the user.

Source Code:

```
<html>
<body>
YEAR : <input type="text" id="year_get"><br>
MONTH : <input type="text" id="month_get"><br>
<input type="button" id="subtn" value="Display Calender"
onclick="generate()" ><br>
<div id="content"> </div>
</body>
<script>
    function generate()
    {
        var init_content = "<table BORDER=1
id='calender'><tr><th>Sun</th><th>Mon</th><th>Tue</th><th>Wed</th><th>
Thu</th>
<th>Fri</th><th>Sat</th></tr><tr>"
        var year_get = document.getElementById("year_get").value;
        var month_get = document.getElementById("month_get").value;
        month_get -=1;
        var date = new Date(year_get,month_get);
        var day = date.getDay();
        for (var i = 0; i < day; i++)
        {
            init_content += "<td></td>";
        }
    }
}
```

```
while (date.getMonth() == month_get)
{
    init_content += "<td>" + date.getDate() + "</td>";
    if (date.getDay() == 6)
    {
        init_content += "</tr><tr>";
    }
    date.setDate(date.getDate() + 1);
}
init_content += "</table>"
document.getElementById("content").innerHTML = init_content;
}
</script>

</html>
```

Output:

YEAR :

MONTH :

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Program no:07

Aim: Create a HTML registration form and to validate the form using JavaScript code.

Source Code:

```
<html>
<head>
<script type="text/javascript">
function validation(inputText)
{
if(document.getElementById("t1").value == "")
alert("enter your name");
else if(document.getElementById("t2").value == "")
alert("enter a password");
else if(document.getElementById("t2").value !=
document.getElementById("t3").value)
alert(" enter correct password");
else if(document.getElementById("t4").value == "")
alert("enter your e-mail");
else if(document.getElementById("t5").value == "")
alert("enter your address");
else
alert("Form has been submitted");
}
</script>
</head>
<body>
<table border = "1">
<tr>
```

```
<td>

<h1>Registration form</h1>

<form name="form">

username:<input type="text" id="t1"><br><br>
password:<input type="text" id="t2"><br><br>
confirm password:&nbsp;<input type="password" id="t3"><br><br>
email: <input type="text" id="t4"><br><br>
Address:<textarea rows="2" cols="10" id="t5"></textarea><br><br>
<input type="button" value="Submit"
onclick="validation(document.form.t5.value)">
<input type="reset" value="Clear All">

</form>

</td>

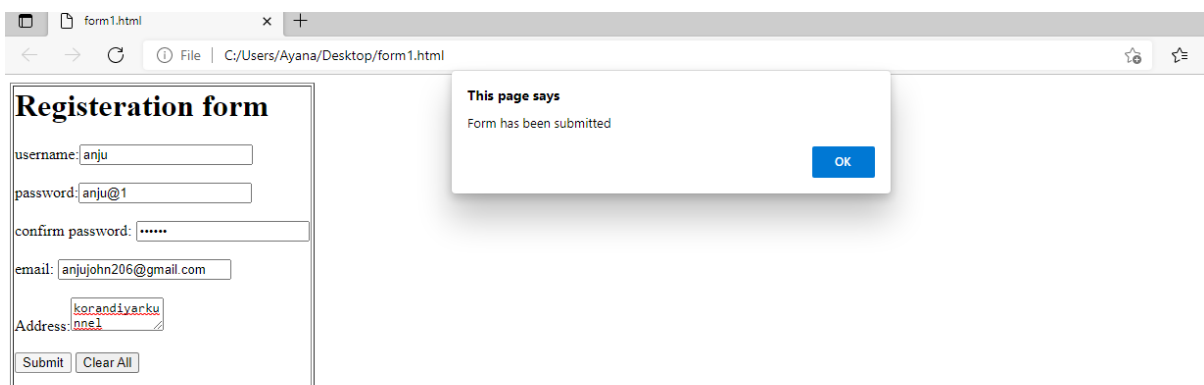
</tr>

</table>

</body>

</html>
```

Output:

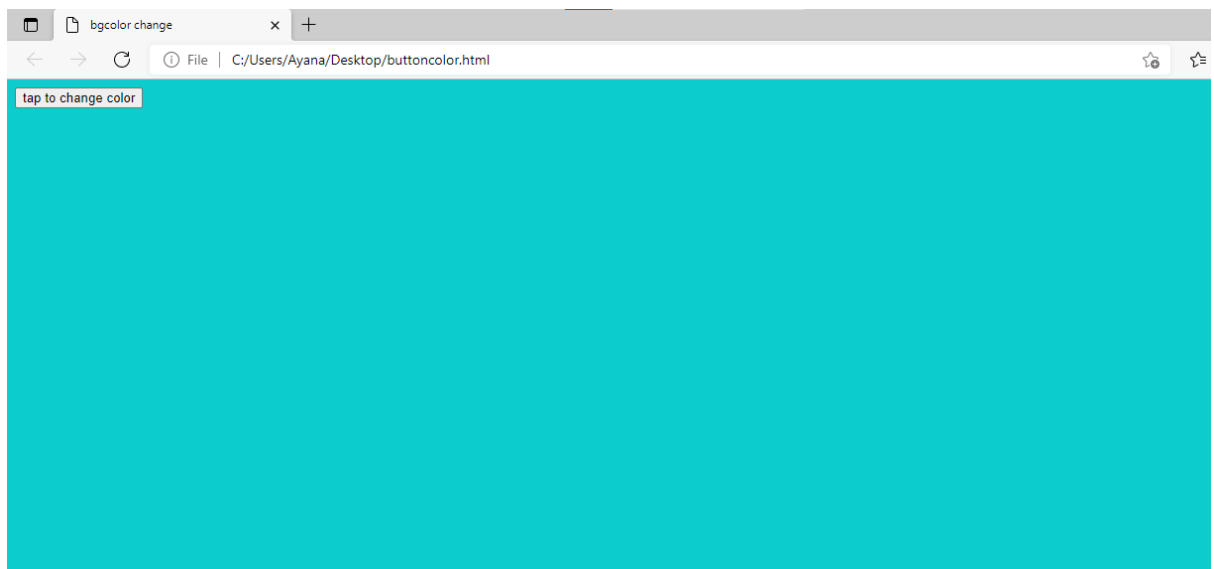


Program no:08

Aim: Evaluating JavaScript Event Handling for every click of a button to change the background color of a HTML page

Source Code:

```
<html>
<head><title>bgcolor change</title>
</head>
<body>
<script language="javascript" type="text/javascript">
function onetouch()
{
var col='#'+Math.random().toString(16).slice(2,8);
document.body.style.background=col;
}
</script>
<button onclick="onetouch()">tap to change color</button>
</body>
</html>
```

Output:

Program no:09

Aim: Create a HTML page to display a new image and text when the mouse comes over the existing content in the page using JavaScript Event Handling.

Source Code:

```
<html >

<body>

<div class="a" id="a">

<br><br>

<h1 id="text1">Good morning.....</h1>

<h1 id="text2">Good night....</h1>

</div>

<script>

document.getElementById("a").addEventListener("mouseover",ab);

document.getElementById("a").addEventListener("mouseout",bc);

function ab() {

document.getElementById('image').src = "moon.jpg";

document.getElementById('text1').style.display="none";

document.getElementById('text2').style.display="block"

}

function bc() {

document.getElementById('image').src = "a.jpg";

document.getElementById('text1').style.display="block";

document.getElementById('text2').style.display="none";

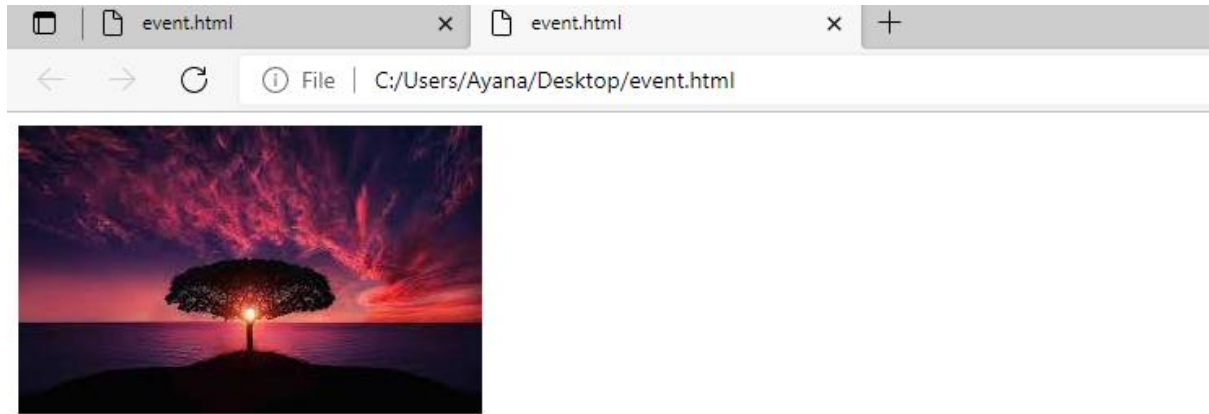
}

</script>
```

```
</body>
```

```
</html>
```

Output:



Hai.....



Good morning....



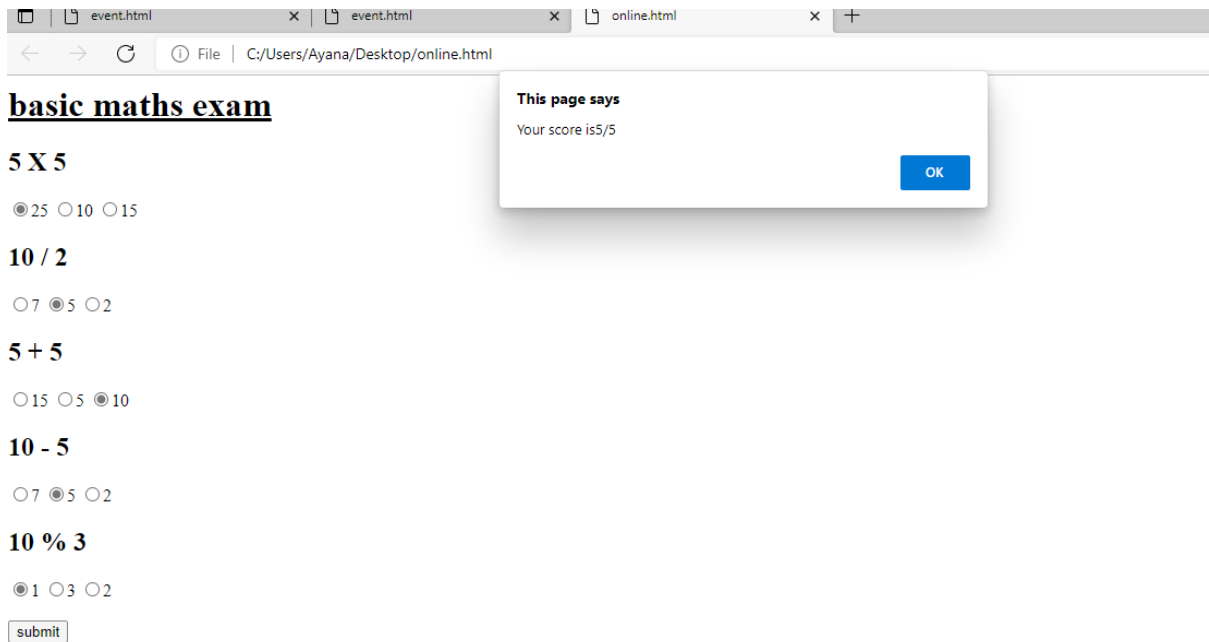
Program no:10

Aim: Create a HTML page to show online exam using JavaScript.

Source Code:

```
<html>
<head>
<script>
var i=0;
function exam()
{
if(document.f1.n1[0].checked)
i=i+1;
if(document.f1.n2[1].checked)
i=i+1;
if(document.f1.n3[2].checked)
i=i+1;
if(document.f1.n4[1].checked)
i=i+1;
if(document.f1.n5[0].checked)
i=i+1;
alert("Your score is"+i+"/5");
}
</script>
</head>
<body>
<form name="f1">
<h1><u> basic maths exam</u></h1>
<h2>5 X 5</h2>
```

```
<input type="radio" id="numb" name="n1" value="25">25
<input type="radio" id="numb" name="n1" value="10">10
<input type="radio" id="numb" name="n1" value="15">15
<h2>10 / 2</h2>
<input type="radio" id="numb1" name="n2" value="7">7
<input type="radio" id="numb1" name="n2" value="5">5
<input type="radio" id="numb1" name="n2" value="2">2
<h2>5 + 5</h2>
<input type="radio" id="numb2" name="n3" value="15">15
<input type="radio" id="numb2" name="n3" value="5">5
<input type="radio" id="numb2" name="n3" value="10">10
<h2>10 - 5</h2>
<input type="radio" id="numb3" name="n4" value="7">7
<input type="radio" id="numb3" name="n4" value="5">5
<input type="radio" id="numb3" name="n4" value="2">2
<h2>10 % 3</h2>
<input type="radio" id="numb4" name="n5" value="1">1
<input type="radio" id="numb4" name="n5" value="3">3
<input type="radio" id="numb4" name="n5" value="2">2
<br><br><input type="submit" value="submit" onclick="exam()">
</body>
</html>
```

Output:

Program no:11

Aim: Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format.

Source Code:config.php

```
<?php
$mysql_host="localhost";
$mysql_user="root";
$mysql_password="";
$conn=mysqli_connect($mysql_host,$mysql_user,$mysql_password);
if(mysqli_select_db($conn,'simple'))
{echo 'connected';}
else{echo 'falied';}
?>
```

reg.php

```
<?php
include "config.php";
if(isset($_POST['submit']))
{
    $name=$_POST['name'];
```

```
$email=$_POST['email'];

$password=$_POST['password'];

$sql = "INSERT INTO `local` ( `name`, `email`, `password`) VALUES ( '$name',
'$email', '$password')";

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

if($result==TRUE)
{
    echo "new record created successfully";
}
else
{
    echo "Error".$sql."<br>".$conn->error;
}

$conn->close();
}

?>

<html>

<body>

<h2> Signup Form </h2>

<form action="" method="POST">

<fieldset>

<legend> Personal Information </legend>

First Name:<br>

<input type="text" name="name">
```

Email:

<input type="email" name="email">

Password:

<input type="password" name="password">

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

</fieldset>

</body>

</html>

view.php

-

<?php

include "config.php";

\$sql = " SELECT * FROM `local` " ;

\$result=\$conn->query(\$sql);

?>

<html>

<head>

<title>view page</title>

</head>

```
<body>

<div class="container">

<h2>VIEW</h2>

<table border="1">

<tr>

<th>sino</th>

<th>Name</th>

<th>Email</th>

<th>Password</th>

</tr>

<?php
if($result->num_rows>0)
{
    while($row=$result->fetch_assoc())
    {
        ?>

<tr>

<td><?php echo $row['sino'];?></td>

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

<td><?php echo $row['email'];?></td>

<td><?php echo $row['password'];?></td>


<?php
    }
}
```

?>

</table>

</html>

Output:



localhost/anju/reg.php

connected

Signup Form

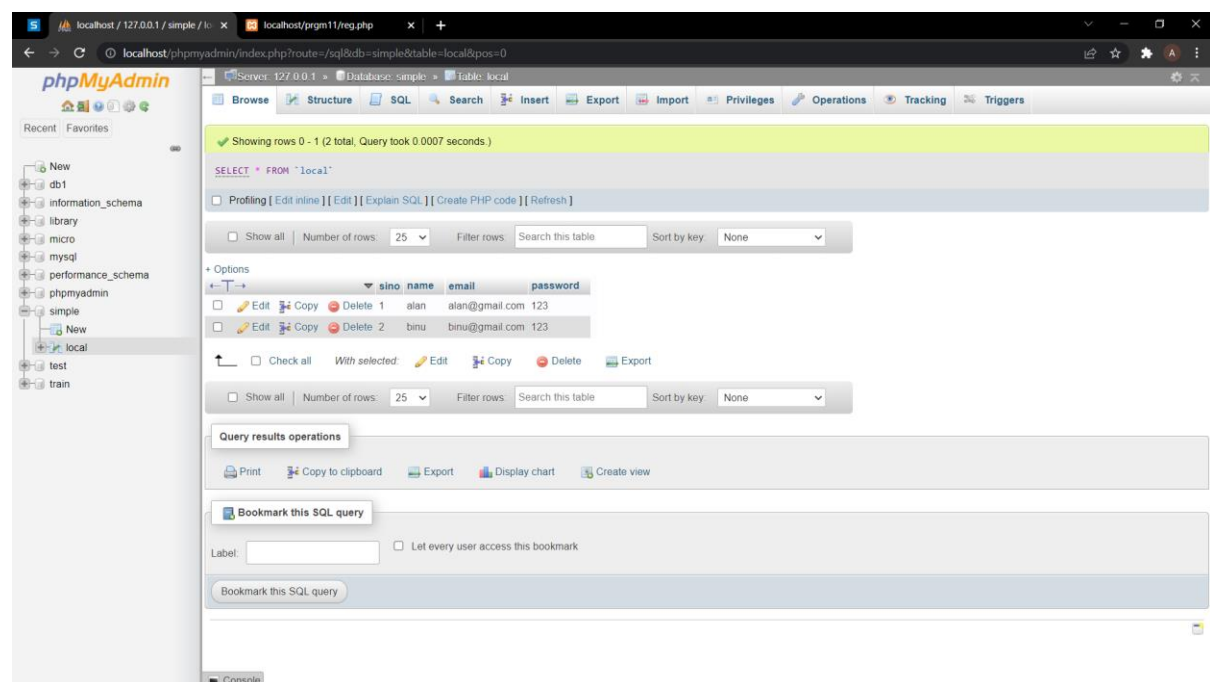
Personal Information

First Name:
anju

Email:
anjujohn206@gmail.com

Password:

submit



localhost / 127.0.0.1 / simple / local

localhost/pgm11/reg.php

localhost/phpmyadmin/index.php?route=/sql&db=simple&table=local&pos=0

Showing rows 0 - 1 (2 total, Query took 0.0007 seconds)

SELECT * FROM `local`

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

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

sino	name	email	password
1	alan	alan@gmail.com	123
2	binu	binu@gmail.com	123

Check all | With selected: Edit | Copy | Delete | Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: | Let every user access this bookmark

Bookmark this SQL query

Console

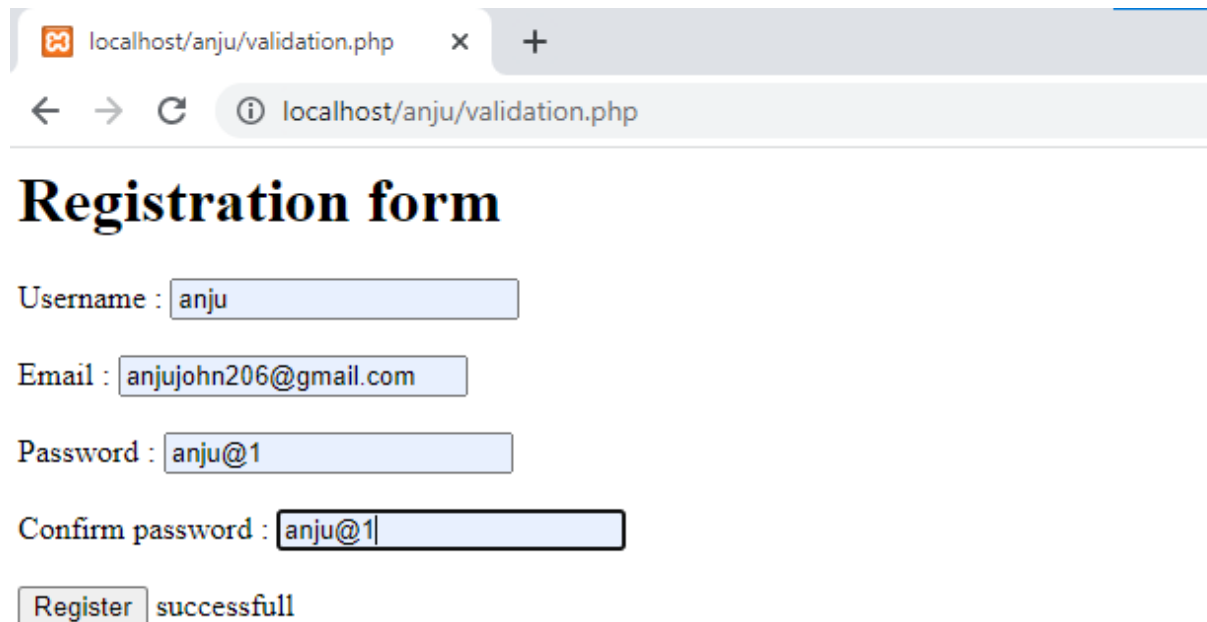
Program no:12

Aim: Outline a registration form using PHP and do necessary validations.

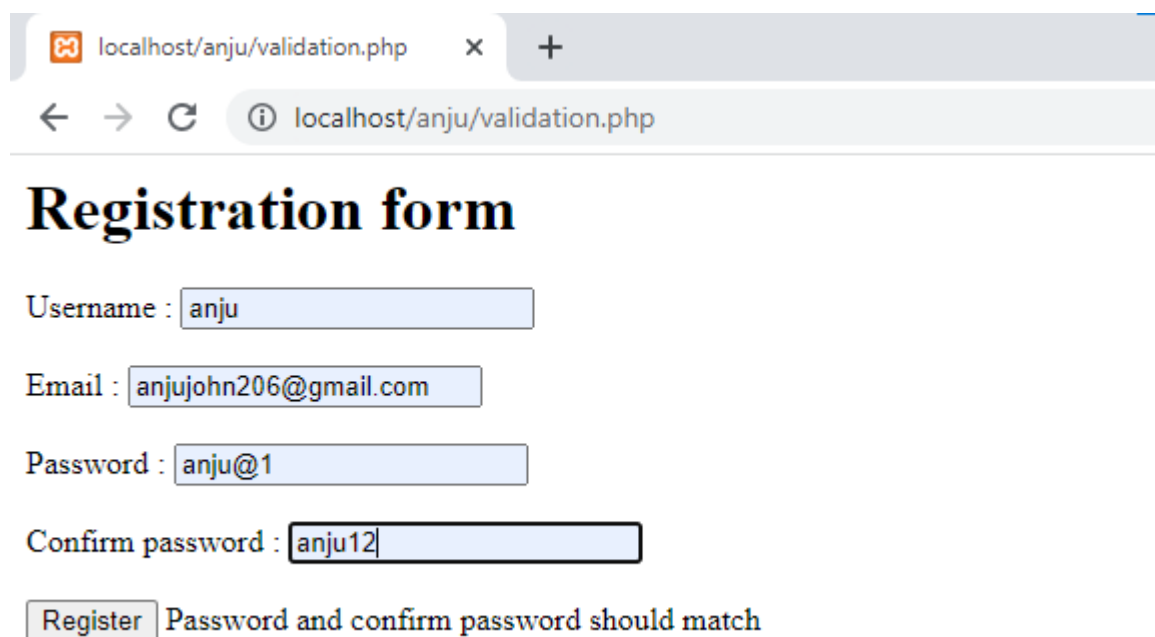
Source Code:

```
<html>
<body>
    <h1>Registration form</h1>
    <form action = "" method = "POST">
        Username : <input type="text" name="username"><br> <br>
        Email : <input type="text" name="email"><br> <br>
        Password : <input type="text" name="pass"><br> <br>
        Confirm password : <input type="text" name="cpass"><br> <br>
        <input type="submit" value="Register">
</php
    if (empty($_POST['username']) ||
        empty($_POST['pass']) ||
        empty($_POST['email']) ||
        empty($_POST['cpass']))
    {
        die("Please fill all required fields!");
    }
    if ($_POST['pass'] != $_POST['cpass'])
    {
        die ('Password and confirm password should match');
    }
    else
    {
        die("successfull");
    }
}
```

```
}  
?>  
  
</form>  
  
</body>  
  
</html>
```

Output:

A screenshot of a web browser window with the address bar showing 'localhost/anju/validation.php'. The page title is 'Registration form'. The form contains four input fields: 'Username : anju', 'Email : anjujohn206@gmail.com', 'Password : anju@1', and 'Confirm password : anju@1'. Below the fields is a 'Register' button. The text 'successfull' is displayed next to the button.



A screenshot of a web browser window with the address bar showing 'localhost/anju/validation.php'. The page title is 'Registration form'. The form contains four input fields: 'Username : anju', 'Email : anjujohn206@gmail.com', 'Password : anju@1', and 'Confirm password : anju12'. Below the fields is a 'Register' button. The text 'Password and confirm password should match' is displayed next to the button.

Program no:13

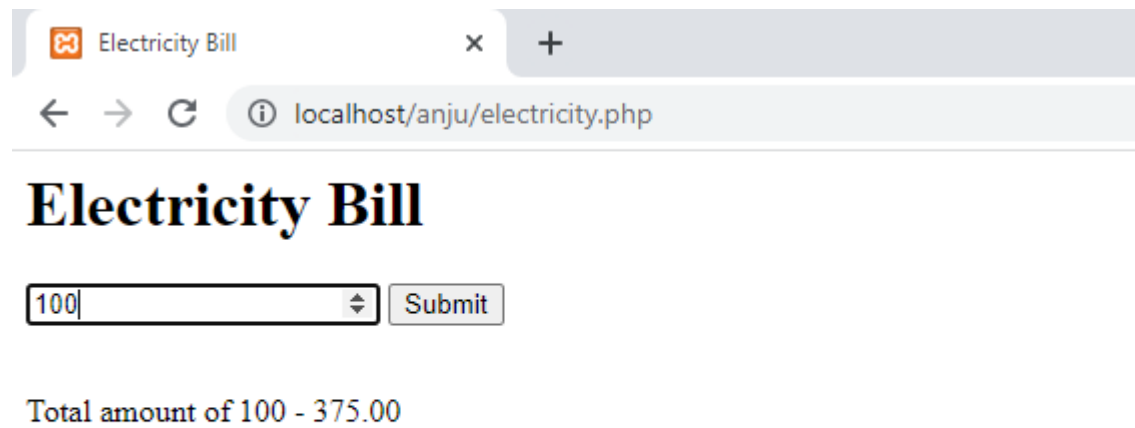
Aim: Compose Electricity bill from user input based on a given tariff using PHP.

Source Code:

```
<html>
<head>
    <title>Electricity Bill</title>
</head>
<?php
$result_str = $result = "";
if (isset($_POST['unit-submit'])) {
    $units = $_POST['units'];
    if (!empty($units)) {
        $result = calculate_bill($units);
        $result_str = 'Total amount of ' . $units . ' - ' . $result;
    }
}

function calculate_bill($units) {
    $unit_cost_first = 3.50;
    $unit_cost_second = 4.00;
    $unit_cost_third = 5.20;
    $unit_cost_fourth = 6.50;
    if($units <= 50) {
        $bill = $units * $unit_cost_first;
    }
    else if($units > 50 && $units <= 100) {
        $temp = 50 * $unit_cost_first;
        $remaining_units = $units - 50;
        $bill = $temp + ($remaining_units * $unit_cost_second);
    }
}
```

```
}  
else if($units > 100 && $units <= 200) {  
    $temp = (50 * 3.5) + (100 * $unit_cost_second);  
    $remaining_units = $units - 150;  
    $bill = $temp + ($remaining_units * $unit_cost_third);  
}  
else {  
    $temp = (50 * 3.5) + (100 * $unit_cost_second) + (100 * $unit_cost_third);  
    $remaining_units = $units - 250;  
    $bill = $temp + ($remaining_units * $unit_cost_fourth);  
}  
return number_format((float)$bill, 2, '.', '');  
}  
?>  
<body>  
    <div id="page-wrap">  
        <h1>Electricity Bill</h1>  
        <form action="" method="post" id="quiz-form">  
            <input type="number" name="units" id="units"  
placeholder="Please enter no. of Units" />  
            <input type="submit" name="unit-submit" id="unit-submit"  
value="Submit" />  
        </form>  
        <div>  
            <?php echo '<br />' . $result_str; ?>  
        </div>  
    </div>  
</body>  
</html>
```

Output:

Electricity Bill

localhost/anju/electricity.php

Electricity Bill

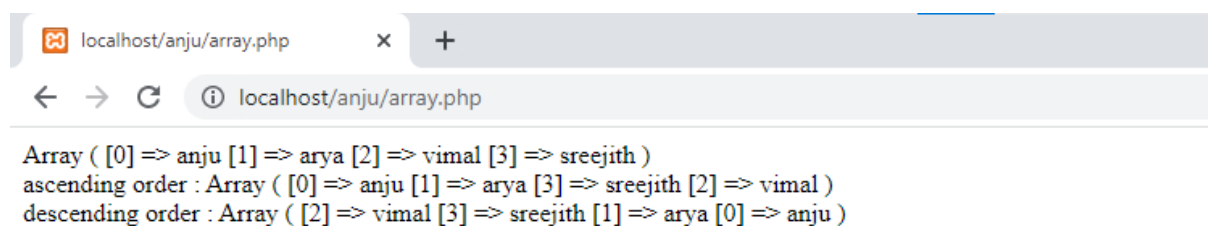
Total amount of 100 - 375.00

Program no:14

Aim: Build a PHP code to store name of students in an array and display it using print_r function. Sort and Display the same using asort & arsort functions.

Source Code:

```
<?php
$a = array("anju", "arya", "vimal","sreejith");
print_r($a);
echo("<br>ascending order : ");
asort($a);
print_r($a);
echo("<br>descending order : ");
arsort($a);
print_r($a);
?>
```

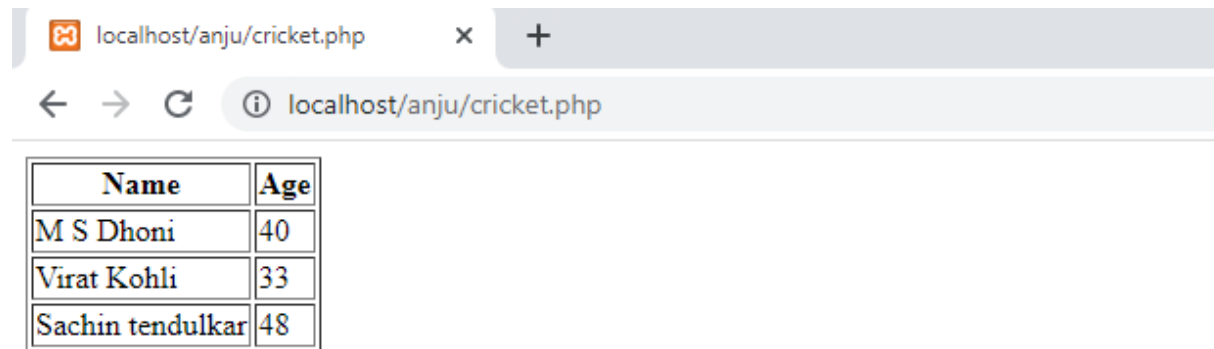
Output:

Program no:15

Aim: Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.

Source Code:

```
<?php
$cricket=array(array('M S Dhoni',40),
                array('Virat Kohli',33),
                array('Sachin tendulkar',48));
?>
<html>
    <table border="1"><tr><th>Name</th><th>Age</th></tr>
        <tr><td><?php echo $cricket[0][0] ?></td><td><?php echo
$cricket[0][1] ?></td></tr>
        <tr><td><?php echo $cricket[1][0] ?></td><td><?php echo
$cricket[1][1] ?></td></tr>
        <tr><td><?php echo $cricket[2][0] ?></td><td><?php echo
$cricket[2][1] ?></td></tr>
    </table>
</html>
```

Output:

The screenshot shows a web browser window with a single tab titled 'localhost/anju/cricket.php'. The address bar also displays 'localhost/anju/cricket.php'. Below the browser interface, a table is rendered with two columns: 'Name' and 'Age'. The table contains three rows of data: M S Dhoni (40), Virat Kohli (33), and Sachin tendulkar (48).

Name	Age
M S Dhoni	40
Virat Kohli	33
Sachin tendulkar	48

Program no:16

Aim: Develop Web application using HTML and PHP and deploy [Micro project].

Source Code:

Connection.php

```
<?php
```

```
$dbhost = "localhost";
```

```
$dbuser = "root";
```

```
$dbpass = "";
```

```
$dbname = "leave_mgmt";
```

```
if(!$con = mysqli_connect($dbhost,$dbuser,$dbpass,$dbname))
```

```
{
```

```
    die("failed to connect!");
```

```
}
```

functions.php

```
<?php
```

```
function check_login($con)
```

```
{
```

```
    if(isset($_SESSION['user_id']))
```

```
    {
```

```
        $id = $_SESSION['user_id'];
```

```
        $query = "select * from users where user_id = '$id' limit 1";
```

```
$result = mysqli_query($con,$query);

if($result && mysqli_num_rows($result) > 0)
{
    $user_data = mysqli_fetch_assoc($result);
    return $user_data;
}

}

//redirect to login
header("Location: login.php");
die;
}

function random_num($length)
{
    $text = "";
    if($length < 5)
    {
        $length = 5;
    }

    $len = rand(4,$length);
    for ($i=0; $i < $len; $i++) {
        # code...

        $text .= rand(0,9);
    }
}
```

```
        return $text;

    }

    function getValue($val) {

    }
```

Index.php

```
<?php
```

```
session_start();
```

```
    include("connection.php");
```

```
    include("functions.php");
```

```
if($_SERVER['REQUEST_METHOD'] == "POST")
```

```
{
```

```
    //something was posted
```

```
    $type = $_POST['type'];
```

```
    $reason = $_POST['reason'];
```

```
    $days = $_POST['days'];
```

```
    if(!empty($type) && !empty($reason) && !empty($days))
```

```
    {
```

```
        //save to database
```

```
        $user_id = $_SESSION['user_id'];
```

```
$query = "insert into leaves
(user_id,leave_type,leave_reason,no_of_days) values
('$user_id','$type','$reason','$days')";

mysqli_query($con, $query);

    }else
    {
        echo "Please enter some valid information!";
    }
}

if($_SERVER['REQUEST_METHOD'] == "GET"){
    $user_id = $_SESSION['user_id'];
    $query = "select * from leaves where user_id = '$user_id'";
    $result = mysqli_query($con, $query);
    if($result)
    {
        if($result && mysqli_num_rows($result) > 0)
        {

            $html_table = '<table border="1" cellpadding="2"><tr><th>ID</th><th>LeaveType</th><th>Leave
Reason</th><th>No of Days</th></tr>';

            // Parse the result set, and adds each row and columns in HTML table
            foreach($result as $row) {

                $html_table .= '<tr><td>' . $row['id']. '</td><td>' . $row['leave_type'].
'</td><td>' . $row['leave_reason']. '</td><td>' . $row['no_of_days']. '</td></tr>';
            }
        }
    }
}
```

```
}  
  
}  
  
$conn = null;    // Disconnect  
  
$html_table .= '</table>';    // ends the HTML table  
  
echo $html_table;    // display the HTML table  
}  
}  
  
$user_data = check_login($con);  
  
?>  
  
<!DOCTYPE html>  
<html>  
<head>  
<meta name="viewport" content="width=device-width, initial-scale=1">  
<style>  
* {box-sizing: border-box}  
  
label {  
    text-align: right;  
    clear: both;  
    float:left;
```

```
margin-right: 5px;

}

input {
    float:right;
}

/* Set height of body and the document to 100% */
body, html {
    height: 100%;
    margin: 0;
    font-family: Arial;
}

/* Style tab links */
.tablink {
    background-color: #555;
    color: white;
    float: left;
    border: none;
    outline: none;
    cursor: pointer;
    padding: 14px 16px;
    font-size: 17px;
    width: 25%;
}
```

```
.tablink:hover {  
    background-color: #777;  
}  
  
/* Style the tab content (and add height:100% for full page content) */  
.tabcontent {  
    color: white;  
    display: none;  
    padding: 10px 20px;  
    height: 100%;  
}  
  
/* Style for pop up*/  
/* The popup form - hidden by default */  
.form-popup {  
    display: none;  
    position: fixed;  
    bottom: 350px;  
    right: 550px;  
    border: 3px solid #f1f1f1;  
    z-index: 290;  
}  
  
/* Add styles to the form container */  
.form-container {
```

```
padding: 10px;

background-color: white;

}


body { font-family: Arial, Helvetica, sans-serif;}

* { box-sizing: border-box;}


#Leave { background-color: blue;}

#logout { background-color: green;}


</style>

</head>

<body>


<button class="tablink" onclick="openPage('Leave', this, 'blue')">Apply
Leave</button>

<button class="tablink" onclick="openPage('logout', this, 'green')"
id="defaultOpen">Logout</button>


<div id="Leave" class="tabcontent">

  <h3>Apply Leave</h3>

  <button class="open-button" onclick="openForm()">APPLY</button>

</div>


<div id="logout" class="tabcontent">

  <h3>Logout</h3>
```

```
<a href="logout.php">Logout</a>

</div>

<div class="form-popup" id="myForm">

  <form action="" method="post" class="form-container">

    <h1>Leave Application</h1>

    <label for="type"><b>Leave Type</b></label>

    <input type="text" placeholder="Enter Type" name="type" required>

    <label for="reason"><b>Reason</b></label>

    <input type="text" placeholder="Enter Reason" name="reason" required>

    <label for="days"><b>no. of days</b></label>

    <input type="number" placeholder="no. of days" name="days" required>

    <!-- <button type="submit" class="btn">Apply</button> -->

    <input id="button" type="submit" value="Apply"><br><br>

    <button type="button" class="btn cancel"
onclick="closeForm()">Close</button>

  </form>

</div>

<!-- <form id="getValues" action="" method="get" class="form-container">

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

</form> -->
```

```
<script>

function openPage(pageName,elmnt,color) {
    var i, tabcontent, tablinks;
    tabcontent = document.getElementsByClassName("tabcontent");
    for (i = 0; i < tabcontent.length; i++) {
        tabcontent[i].style.display = "none";
    }
    tablinks = document.getElementsByClassName("tablink");
    for (i = 0; i < tablinks.length; i++) {
        tablinks[i].style.backgroundColor = "";
    }
    document.getElementById(pageName).style.display = "block";
    elmnt.style.backgroundColor = color;

    // document.getElementById("getValues").click();
}

// Get the element with id="defaultOpen" and click on it
document.getElementById("defaultOpen").click();

function openForm() {
    document.getElementById("myForm").style.display = "block";
}

function closeForm() {
    document.getElementById("myForm").style.display = "none";
}
```

```
}  
  
</script>  
  
</body>  
  
</html>
```

Login.php

```
<?php
```

```
session_start();
```

```
    include("connection.php");
```

```
    include("functions.php");
```

```
    if($_SERVER['REQUEST_METHOD'] == "POST")
```

```
    {
```

```
        //something was posted
```

```
        $user_name = $_POST['user_name'];
```

```
        $password = $_POST['password'];
```

```
        if(!empty($user_name) && !empty($password) &&  
!is_numeric($user_name))
```

```
        {
```

```
            //read from database
```

```
$query = "select * from users where user_name =
$user_name' limit 1";

$result = mysqli_query($con, $query);

if($result)
{
    if($result && mysqli_num_rows($result) > 0)
    {

        $user_data = mysqli_fetch_assoc($result);

        if($user_data['password'] === $password)
        {

            $_SESSION['user_id'] =
$user_data['user_id'];

            header("Location: index.php");
            die;

        }

    }

}

echo "wrong username or password!";
}else
{

    echo "wrong username or password!";
```

```
        }  
    }  
  
?>  
  
<!DOCTYPE html>  
  
<html>  
  
<head>  
    <title>Login</title>  
</head>  
<body>  
  
    <style type="text/css">  
  
        #text{  
  
            height: 25px;  
            border-radius: 5px;  
            padding: 4px;  
            border: solid thin #aaa;  
            width: 100%;  
        }  
  
        #button{
```

```
padding: 10px;
width: 100px;
color: white;
background-color: lightblue;
border: none;
}
```

```
#box{

background-color: grey;
margin: auto;
width: 300px;
padding: 20px;
}
```

```
</style>
```

```
<div id="box">
```

```
<form method="post">
```

```
<div style="font-size: 20px;margin: 10px;color:
white;">Login</div>
```

```
<input id="text" type="text" name="user_name"><br><br>
```

```
<input id="text" type="password"
name="password"><br><br>
```

```
<input id="button" type="submit" value="Login"><br><br>
```

```
<a href="signup.php">Click to Signup</a><br><br>
```

```
</form>
```

```
</div>
```

```
</body>
```

```
</html>
```

Logout.php

```
<?php
```

```
session_start();
```

```
if(isset($_SESSION['user_id']))
```

```
{
```

```
    unset($_SESSION['user_id']);
```

```
}
```

```
header("Location: login.php");
```

```
die;
```

signup.php

```
<?php
```

```
session_start();
```

```
include("connection.php");

include("functions.php");


if($_SERVER['REQUEST_METHOD'] == "POST")
{
    //something was posted

    $user_name = $_POST['user_name'];
    $password = $_POST['password'];

    if(!empty($user_name) && !empty($password) &&
!is_numeric($user_name))
    {

        //save to database

        $user_id = random_num(20);

        $query = "insert into users (user_id,user_name,password)
values ('$user_id','$user_name','$password')";

        mysqli_query($con, $query);

        header("Location: login.php");
        die;
    }else
    {

        echo "Please enter some valid information!";
    }
}
```



```
    }  
  }  
?>
```

```
<!DOCTYPE html>  
  
<html>  
  
  <head>  
  
    <title>Signup</title>  
  
  </head>  
  
  <body>  
  
    <style type="text/css">  
  
      #text{  
  
        height: 25px;  
        border-radius: 5px;  
        padding: 4px;  
        border: solid thin #aaa;  
        width: 100%;  
      }  
  
      #button{  
  
        padding: 10px;
```

```
width: 100px;
color: white;
background-color: lightblue;
border: none;
}
```

```
#box{

background-color: grey;
margin: auto;
width: 300px;
padding: 20px;
}
```

```
</style>
```

```
<div id="box">
```

```
<form method="post">
```

```
<div style="font-size: 20px;margin: 10px;color:
white;">Signup</div>
```

```
<input id="text" type="text" name="user_name"><br><br>
```

```
<input id="text" type="password"
name="password"><br><br>
```

```
<input id="button" type="submit"
value="Signup"><br><br>
```

```
<a href="login.php">Click to Login</a><br><br>
```

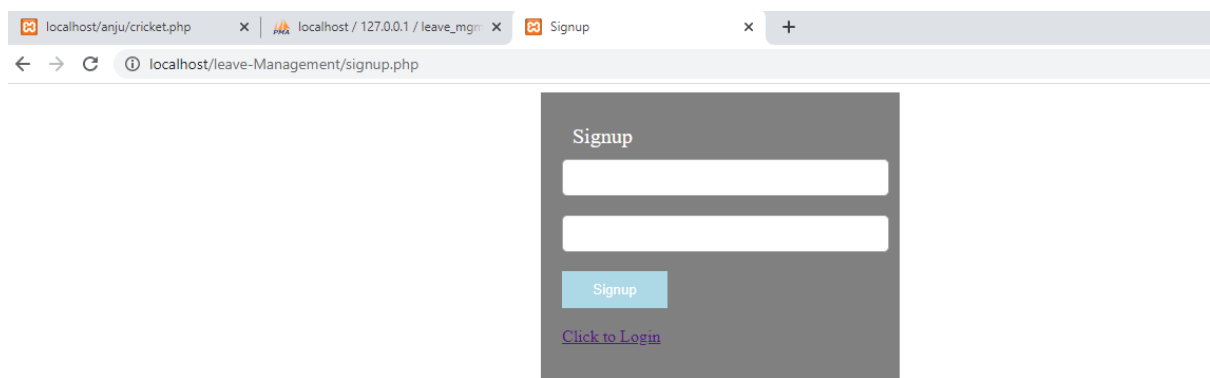
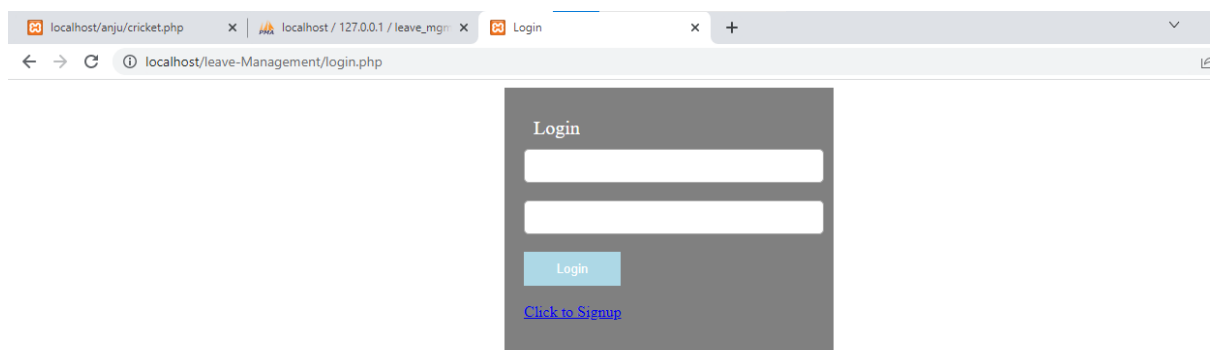
```
</form>
```

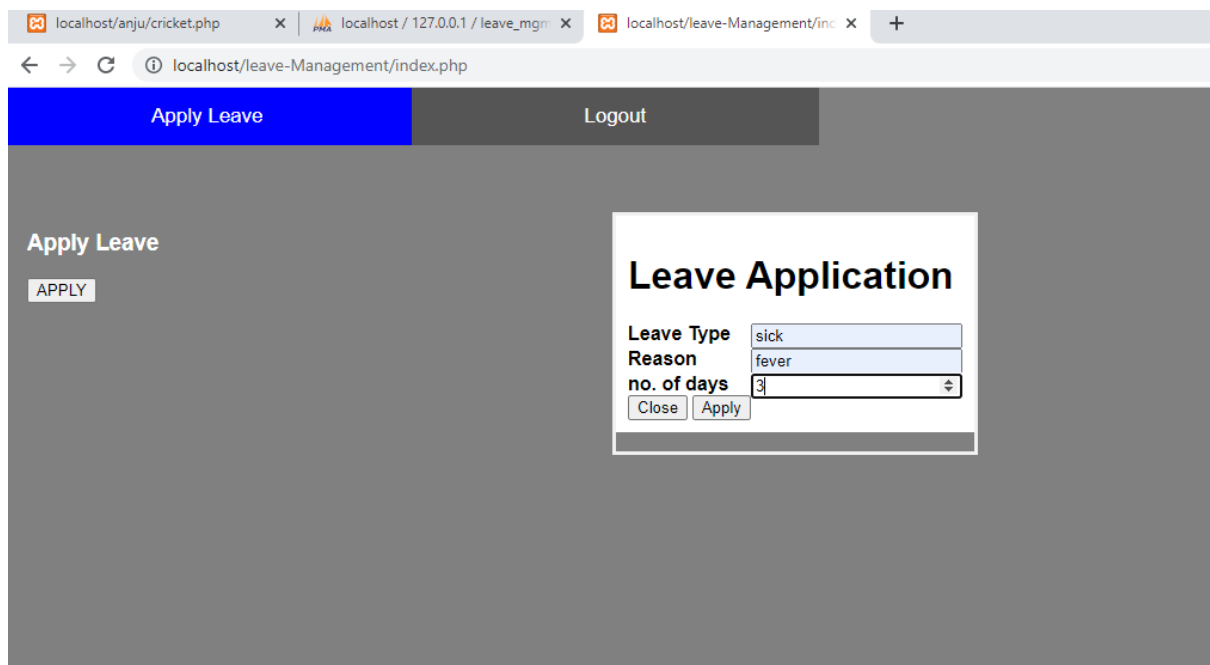
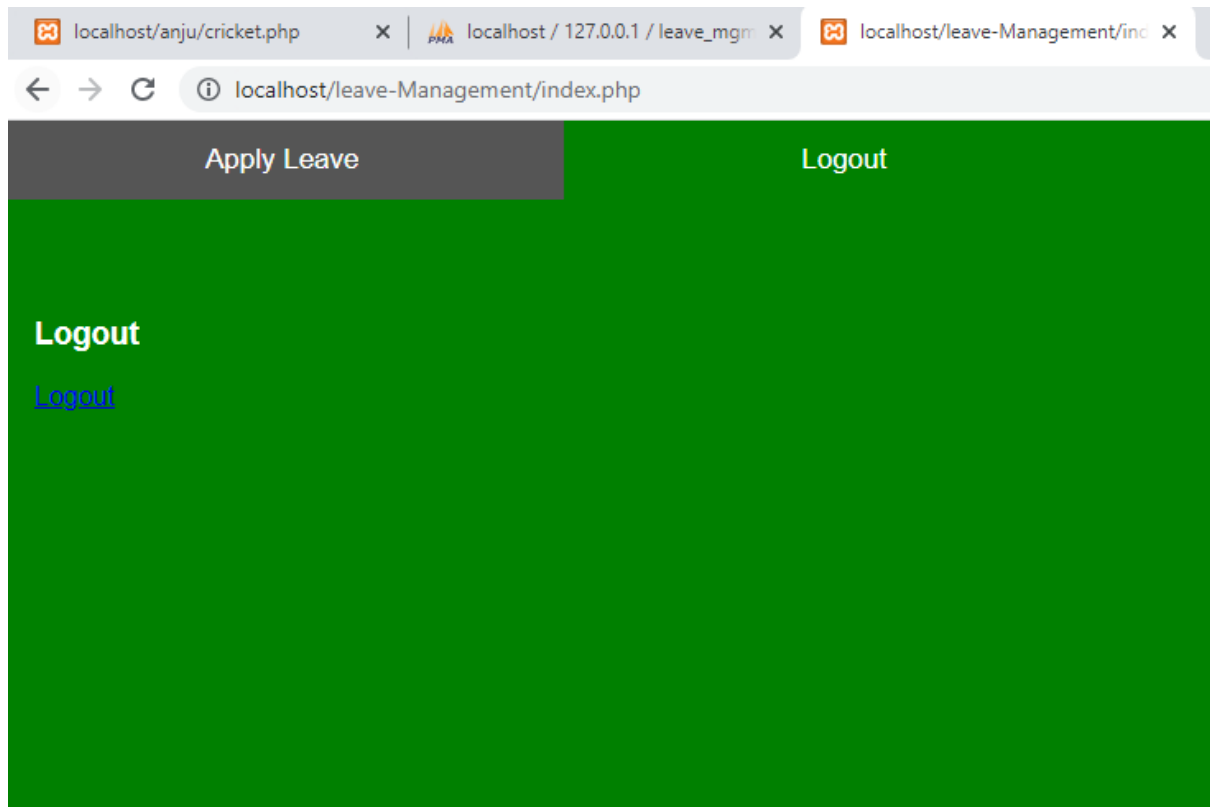
```
</div>
```

```
</body>
```

```
</html>
```

Output:





Showing rows 0 - 7 (8 total, Query took 0.0004 seconds.)

```
SELECT * FROM `leaves`
```

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

<input type="checkbox"/>	Edit	Copy	Delete	1	7030	sick	fever	2	
<input type="checkbox"/>	Edit	Copy	Delete	2	610436691	casual	outing	1	
<input type="checkbox"/>	Edit	Copy	Delete	3	610436691	sick	fever	1	
<input type="checkbox"/>	Edit	Copy	Delete	4	7030	sick	headache	2	
<input type="checkbox"/>	Edit	Copy	Delete	5	7030	sick	fever	1	
<input type="checkbox"/>	Edit	Copy	Delete	6	7030	casual	outing	6	
<input type="checkbox"/>	Edit	Copy	Delete	7	597921	sick	fever	2	
<input type="checkbox"/>	Edit	Copy	Delete	8	89452134938803	sick	fever	2	

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Program no:17

Aim: Using PHP and MySQL, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings.

Source Code:

Bookconnect.php

```
<?php
```

```
    $mysql_host='localhost';
```

```
    $mysql_user='root';
```

```
    $mysql_password="";
```

```
    $conn=mysqli_connect($mysql_host,$mysql_user,$mysql_password);
```

```
    if(mysqli_select_db($conn,'library'))
```

```
    {echo 'connection successful';
```

```
    }
```

```
    else{
```

```
        echo 'connection failed';
```

```
}
```

```
?>
```

Booksearch.php

```
<?php
```

```
require "bookconnect.php";
```

```
if(isset($_POST['sub']))
```

```
{ $bookhead=$_POST['btitle'];
```

```
$store = "SELECT * FROM `books` WHERE `title` = '$bookhead'";
```

```
$result=$conn->query($store);
```

```
if($is_query_run=mysqli_query($conn,$store))
```

```
{
```

```
while($query_execute=mysqli_fetch_assoc($is_query_run))
```

```
{ ?><table  
border="1"><tr><th>sino</th><th>title</th><th>author</th><th>edition</th>  
<th>publisher</th></tr>
```

```
<tr><td><?php echo $query_execute["Ano"];?></td>
```

```
<td><?php echo $query_execute["Title"];?></td>
```

```
<td><?php echo $query_execute["Author"];?></td>
```

```
<td><?php echo $query_execute["Edition"];?></td>
```

```
<td><?php echo $query_execute["Publisher"];?></td></tr></table>
```

```
<?php }
```

```
} $conn->close();
```

```
}
```

```
?>
```

```
<html>
```

```
<head>
```

```
<title>book search</title>
```

```
</head>
```

```
<body><form method="POST" action="">
```

```
<label>enter the title</label>
```

```
<input type="text" name="btitle">
```

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

```
</form>
```

```
</body>
```

```
</html>
```

Insert.php

```
<?php
```

```
include "bookconnect.php";
```

```
if(isset($_POST['submit']))
```

```
{
```

```
    $ano=$_POST['ano'];
```

```
    $title=$_POST['title'];
```

```
    $author=$_POST['author'];
```

```
    $edition=$_POST['edition'];
```

```
    $publisher=$_POST['publisher'];
```

```
$sql = "INSERT INTO `books` ( `ano`,`title`,`author`,`edition`,`publisher`)  
VALUES ( '$ano','$title','$author','$edition','$publisher')";
```

```
$result=$conn->query($sql);
```

```
if($result==TRUE)
{
    echo "new record created successfully";

}
else
{
    echo "Error".$sql."<br>".$conn->error;
}
$conn->close();
}
?>

<html>

    <head>

        <title>newcustomer</title>

    </head>

    <body>

        <form method="POST" action="">

            <h1>Register</h1><br>

            Ano<br>

            <input type="text" name="ano" required><br>

            <br>

            Title<br>

            <input type="text" name="title" required><br>

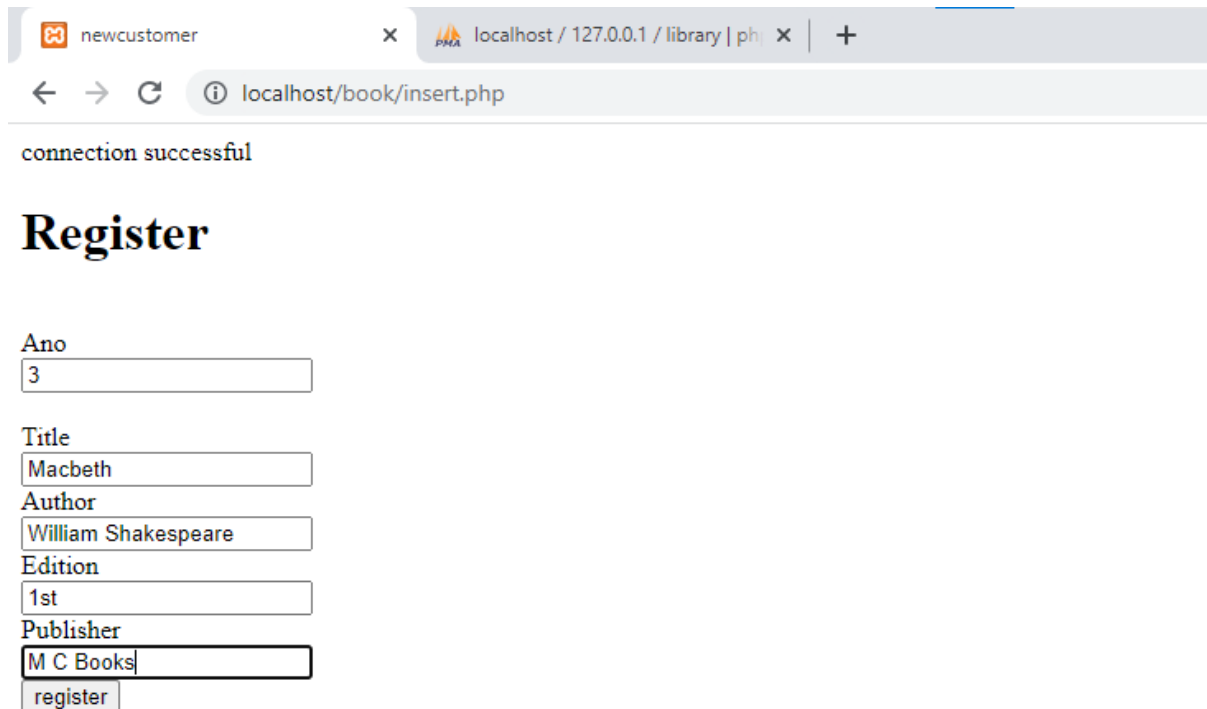
            Author<br>

            <input type="text" name="author" required><br>

            Edition<br>
```

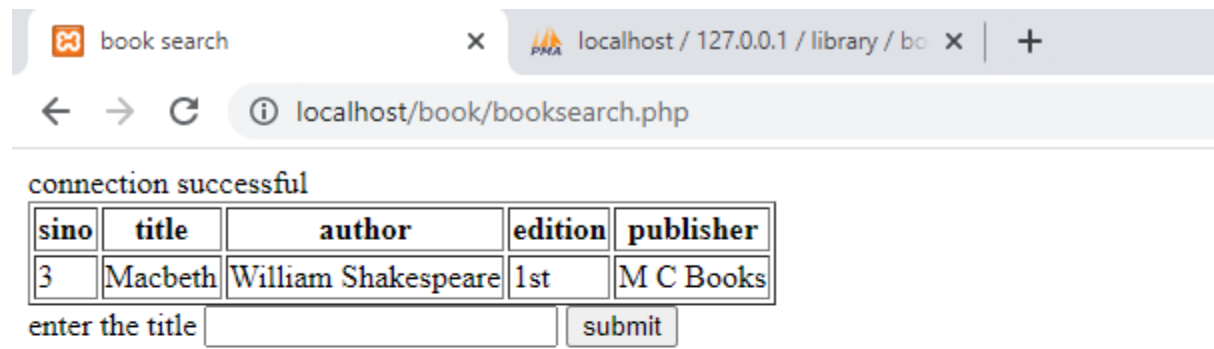
```
<input type="text" name="edition" required><br>
Publisher<br>
<input type="text" name="publisher" required>
<br>
<input type="submit" name="submit"
value="register"><br><br><br><br><br>
</form>
</body>
</html>
```

Output:



The screenshot shows a web browser window with the address bar displaying 'localhost/book/insert.php'. The page content includes a message 'connection successful' and a large heading 'Register'. Below the heading, there is a registration form with the following fields and values:

Field	Value
Ano	3
Title	Macbeth
Author	William Shakespeare
Edition	1st
Publisher	M C Books
Submit Button	register



The screenshot shows a web browser window with two tabs. The active tab is titled 'book search' and shows the URL 'localhost/book/booksearch.php'. The page content displays a message 'connection successful' followed by a table of book search results. The table has five columns: 'sino', 'title', 'author', 'edition', and 'publisher'. The first row of data shows '3' in the 'sino' column, 'Macbeth' in the 'title' column, 'William Shakespeare' in the 'author' column, '1st' in the 'edition' column, and 'M C Books' in the 'publisher' column. Below the table, there is a form with the label 'enter the title' followed by a text input field and a 'submit' button.

connection successful

sino	title	author	edition	publisher
3	Macbeth	William Shakespeare	1st	M C Books

enter the title