

20MCA133 WEB PROGRAMMING LAB

Lab Report Submitted By

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Reg. No.: AJC21MCA-2081

In Partial fulfillment for the Award of the Degree Of

MASTER OF COMPUTER APPLICATIONS (2 Year)
(MCA)

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY



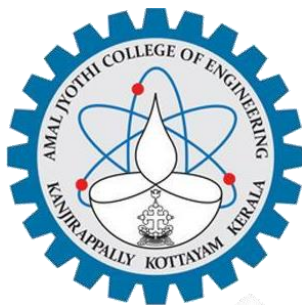
AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY

[Affiliated to APJ Abdul Kalam Technological University, Kerala. Approved by AICTE, Accredited by NAAC with 'A' grade. Koovapally, Kanjirappally, Kottayam, Kerala – 686518]

2021-2022

DEPARTMENT OF COMPUTER APPLICATIONS

AMAL JYOTHI COLLEGE OF ENGINEERING KANJIRAPPALLY



CERTIFICATE

This is to certify that the lab report, “**20MCA133 WEB PROGRAMMING LAB**” is the bonafide work of **NEHA ANTONY (AJC21MCA-2081)** in partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications under APJ Abdul Kalam Technological University during the year 2021-22.

Ms. SRUTHIMOL KURIAN

Staff In-Charge

CONTENT

Sl. No	Content	Date	Page No:
1	Model a simple HTML file to demonstrate the use of different tags.	11-11-2021	1
2	Create a HTML file to link to different HTML page which contains images, tables, and also link within a page.	11-11-2021	3
3	Create a HTML page with different types of frames such as floating frame, navigation frame & mixed frame.	18-11-2021	8
4	Analyze CSS by applying the different styles using inline, external & internal style sheets in a HTML file.	18-11-2021	10
5	Create a HTML page to explain the use of various predefined functions in a string and math object in java script.	25-11-2021	12
6	Generate the calendar using JavaScript code by getting the year from the user.	25-11-2021	14
7	Create a HTML registration form and to validate the form using JavaScript code.	25-11-2021	15
8	Evaluating JavaScript Event Handling for every click of a button to change the background color of a HTML page.	27-11-2021	16
9	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.	27-11-2021	18
10	Create a HTML page to show online exam using JavaScript.	27-11-2021	20
11	Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format.	09-12-2021	22
12	Outline a registration form using PHP and do necessary validations.	09-12-2021	24
13	Compose Electricity bill from user input based	18-01-2022	29

	on a given tariff using PHP.		
14	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.	18-01-2022	33
15	Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.	27-01-2022	34
16	Develop Web application using HTML and PHP and deploy [Micro project].	03-02-2022	35
17	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.	04-02-2022	57

Program no:1**Aim:**

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

Source Code:

```
<html>

<head>

<title>home</title>

</head>

<body bgcolor="PINK">

<h1 style="color:red"><center>FRIEND SHIP</center></h1>

<center></center>

<font color="white">

<h3>

    <p>Friendship is a relationship of mutual affection between people.[1] It is a stronger
form of interpersonal bond than an acquaintance or an association, such as a classmate,
neighbor, or colleague. In some cultures, the concept of friendship is restricted to a small
number of very deep relationships; in others, such as the US and Canada, a person could have
many friends, plus perhaps a more intense relationship with one or two people, who may be
called best friends..</p>

    <p>Friendship has been studied in academic fields, such as communication,
sociology, social psychology, anthropology, and philosophy. Various academic theories of
friendship have been proposed, including social exchange theory, equity theory, relational
dialectics, and attachment styles.</p></h3>

</font>

</body>

</html>
```

Output:

FRIEND SHIP



Friendship is a relationship of mutual affection between people.[1] It is a stronger form of interpersonal bond than an acquaintance or an association, such as a classmate, neighbor, or colleague. In some cultures, the concept of friendship is restricted to a small number of very deep relationships, in others, such as the US and Canada, a person could have many friends, plus perhaps a more intense relationship with one or two people, who may be called best friends..

Friendship has been studied in academic fields, such as communication, sociology, social psychology, anthropology, and philosophy. Various academic theories of friendship have been proposed, including social exchange theory, equity theory, relational dialectics, and attachment styles.

Program no:02

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

Source Code:

Code a :

```
<html>
<body bgcolor="#ff8080">
<h1>Amal Jyothi Engineering College </h1>
<p>ORIGIN
Amal Jyothi College of Engineering, Kanjirapally, is the first engineering college in
Kerala<BR>
to obtain NAAC accreditation with 'A' grade, and the first new generation engineering
college<BR> in the State to secure the prestigious NBA accreditation for prime
departments.The main<BR>
features of the College comprise world-class infrastructure, top-flight faculty, high
pass<BR>
percentage, excellent placement record, unique student projects and first rate
startups.<BR>
Amal Jyothi is a mega complex of 16.5 lakh sq.ft. built-up area overlooking the
busy<BR>
Kanjirapally-Erumeli stretch of the Kottayam-Sabarimala state highway. The two
campus hostels,<BR>
taken care of by dedicated Catholic priests and sisters, have a capacity of 2500. The
campus<BR>
has 2.04 Gbps internet connectivity with WiFi.</p>
<a href="prgm3a.html">about us</a>
<a href="prgm3b.html">seat available</a>
<a href="prgm3c.html">gallery</a>
</body>
</html>
```

Code b:

```
<html>
<body bgcolor="#9999ff">
<h1><marquee>Amal Jyothi Engineering College </marquee></h1>
<p> AMAL JYOTHI COLLEGE OF ENGINEERING
Amal Jyothi College of Engineering, Kanjirappally, is the first engineering college in
Kerala to obtain NAAC accreditation with 'A' grade, and the first new generation
engineering college in the State to secure the prestigious NBA accreditation for prime
departments. Amal Jyothi is approved by the All India Council for Technical
Education (AICTE), New Delhi. It is affiliated to APJ Abdul Kalam Technological
University, Thiruvananthapuram since 2015. During the years 2001-2014, the College
was affiliated to Mahatma Gandhi University, Kottayam. The main features of the
College comprises world-class infrastructure, top-flight faculty, high pass percentage,
excellent placement record, unique student projects and first rate innovation &
entrepreneurship ventures on campus.
</p>

<p>CONTACT US<br><br>
A CHRISTIAN MINORITY INSTITUTION MANAGED BY THE CATHOLIC
DIOCESE OF KANJIRAPPALLY<br>
POSTAL ADDRESS<br><br>
Amal Jyothi College of Engineering Kanjirappally, Koovappally P.O.<br>
Kottayam Dt., Kerala<br>
India. PIN - 686518<br>
<br>
E-MAIL IDS<br><br>
info@amaljyothi.ac.in<br>
admissions@amaljyothi.ac.in<br>
manager@amaljyothi.ac.in<br>
principal@amaljyothi.ac.in<br>
</p>
<a href="prgm3.html">main page</a>
</body></html> Code
c :
```



```

<html>
<body bgcolor="#ff66ff">
<h2>Seat in the college for MCA students</h2>
<table border = " 5">
<tr>
<th colspan="2">course</th>
<th >seat</th>
<th>NRI</th>
<th >FN*</th>
</tr>
<tr>
<td colspan="2">MCA Regular</td>
<td>120</td>
<td>6</td>
<td>18</td>
</tr>
<tr>
<td colspan="2">MCA Integrated</td>
<td>60</td>
<td>0</td>
<td>0</td>
</tr>
</table>
<a href="prgm3.html">main page</a>
</body>
</html>

```

Code d :

```

<html>
<body bgcolor="#ff9933">
<h1>Amal Jyothi Engineering College </h1>
<p> AMAL JYOTHI COLLEGE OF ENGINEERING</p>


```

```





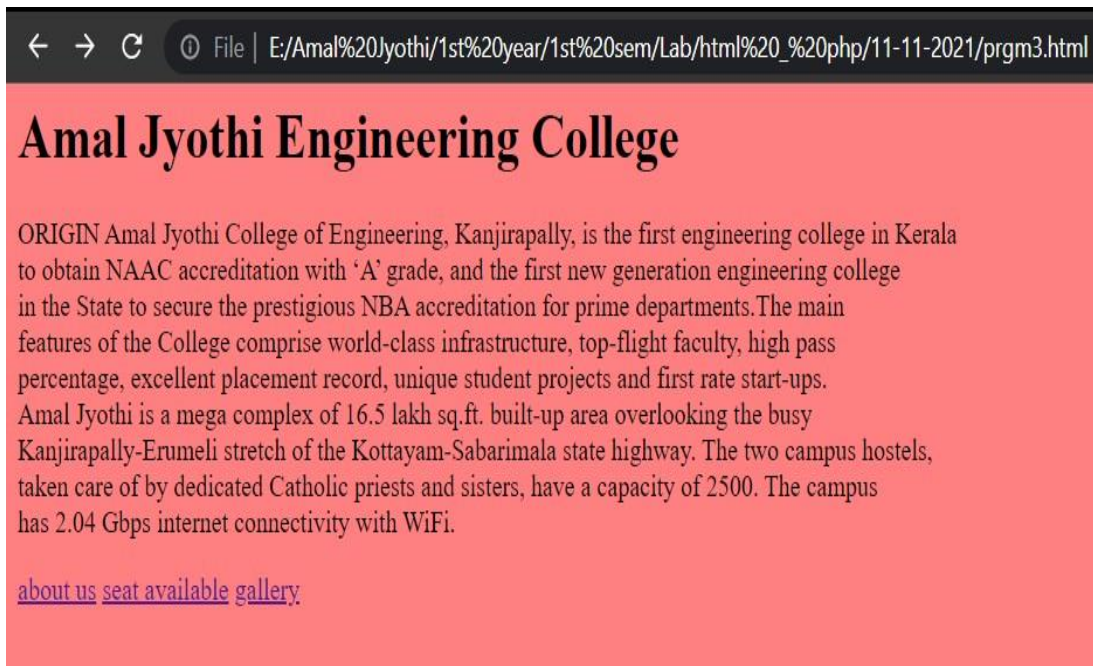






<a href="prgm3.html">main page</a>
</body>
</html>
```

Output:



← → ↺ File | E:/Amal%20Jyothi/1st%20year/1st%20sem/Lab/html%20_%20php/11-11-2021/prgm3b.html

Seat in the college for MCA students

course	seat	NRI	FN*
MCA Regular	120	6	18
MCA Integrated	60	0	0


[main page](#)

prgm3a.html

← → ↺ File | E:/Amal%20Jyothi/1st%20year/1st%20sem/Lab/html%20_%20php/11-11-2021/prgm3a.html

Amal Jyothi Engineering College

AMAL JYOTHI COLLEGE OF ENGINEERING Amal Jyothi College of Engineering, Kanjirappally, is the first engineering college in Kerala to obtain NAAC accreditation with 'A' grade, and the first new generation engineering college in the State to secure the prestigious NBA accreditation for prime departments. Amal Jyothi is approved by the All India Council for Technical Education (AICTE), New Delhi. It is affiliated to APJ Abdul Kalam Technological University, Thiruvananthapuram since 2015. During the years 2001-2014, the College was affiliated to Mahatma Gandhi University, Kottayam. The main features of the College comprises world-class infrastructure, top-flight faculty, high pass percentage, excellent placement record, unique student projects and first rate innovation & entrepreneurship ventures on campus.



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Kottayam Dt., Kerala
India. PIN - 686518

E-MAIL IDS

info@amaljyothi.ac.in
admissions@amaljyothi.ac.in
manager@amaljyothi.ac.in
principal@amaljyothi.ac.in




[main page](#)

prgm3c.html

← → ↺ File | E:/Amal%20Jyothi/1st%20year/1st%20sem/Lab/html%20_%20php/11-11-2021/prgm3c.html

Amal Jyothi Engineering College

AMAL JYOTHI COLLEGE OF ENGINEERING

Program no:03

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

Source Code:

Code A:

```
<html>
<head>
<title>Html Frames</title>
</head>
<frameset cols="25%,*" scrolling="no" noresize>
<frame name="image1" src="navframe.html"></frame>
<frameset rows="50%,*" scrolling="no" noresize>
<frame name="image2" src="iframe.html"></frame>
<frame name="image3" src="mixedframe.html"></frame>
</frameset>
</frameset>
</html>
```

Code B:

```
<html>
<head>
<title>Html Navigation Frames</title>
</head>
<body>
<h1>HTML NAVIGATION FRAMES</h1>
<a href="iframe.html">Floating Frame</a><br><br>
<a href="mixedframe.html">Mixed Frame</a>
</body>
</html>
```

Code C:

```

<html>
<head>
<title>Html IFrames</title>
</head>
<body>
<h1>Toyota supra</h1>
<iframe src="E:\rec1.html" name="image3" src="" height="100%"
width="100%"></iframe>
</body>
</html>

```

Code D:

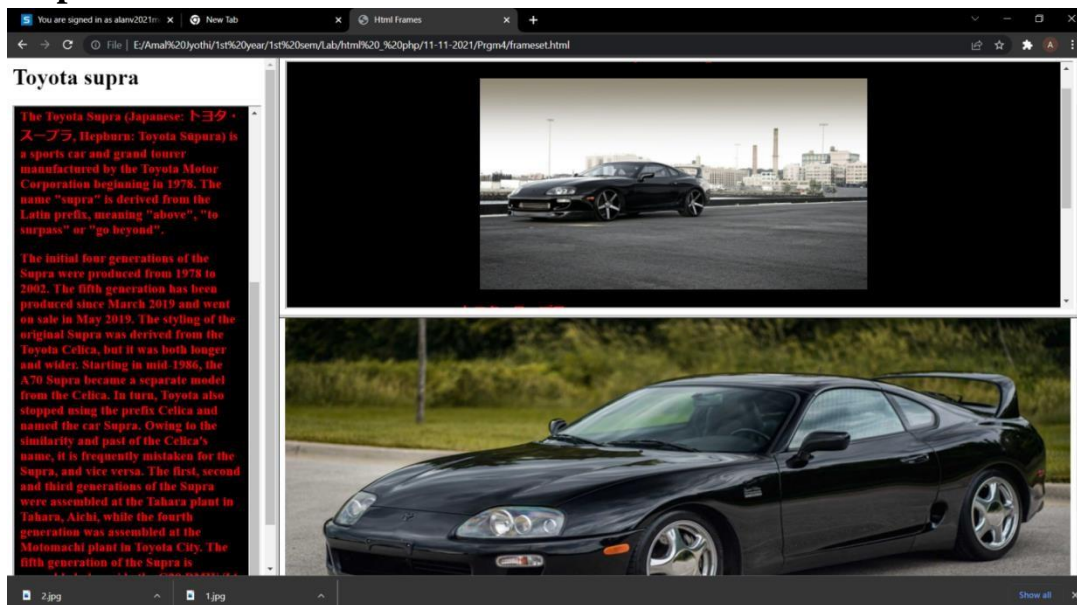
```

<html>
<head>
<title>Html Mixed Frames</title>
</head>
<body>
<h1>MK-4 Supra</h1>

</body>
</html>

```

Output:



Program no:04

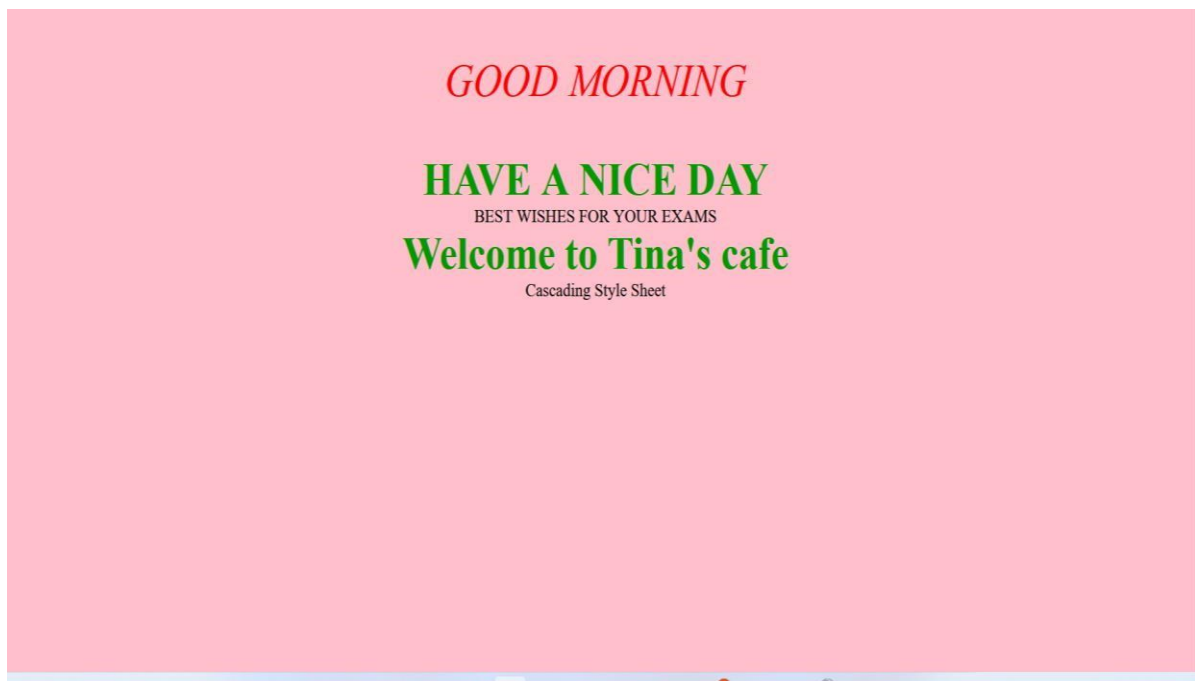
Aim:Analyze CSS by applying the different styles using inline, external & internal style sheets in a HTML file.

Source Code:

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" href="css.css">
    <style>
      .main {text-align:center;}
      .abc {color:#009900;
            font-size:50px;
            font-weight:bold;}
      .xyz {
            font-style:bold;
            font-size:20px;
            }
    </style>
  </head>
  <body>
    <p style = "color:red; font-size:50px;
    font-style:italic; text-align:center;">
      GOOD MORNING
    </p>
    <div class = "main">
      <div class ="abc">HAVE A NICE DAY</div>
      <div class ="xyz">
        BEST WISHES FOR YOUR EXAMS
      </div>
    </div>
    <div class = "m">
      <div class ="n">Welcome to Tina's cafe</div>
```

```
<div id="o">
    Cascading Style Sheet
</div>
</div>
</body>
</html>
```

```
Css.html body {
background-color: pink;
}
.m { text-align: center;
}
.n {
color: #009900;
font-size: 50px;
font-weight: bold;
} #o { font-size: 20px;
}
```

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>
<label>Enter a string:</label><input type="text" name="str" id="str1"><br>
<br><label>enter number</label>
<input type="text" name="text1" id="idno1">
<br><br><label>enter power</label>
<input type="text" name="text2" id="idno2"> <script
language="javascript" type="text/javascript">
function add()
{ var a,b,c,n,m,i,s,sl,sli;
s=(document.getElementById("str1").value);
sl=s.length; sli=s.slice(5,11);
a=(document.getElementById("idno1").value);
b=(document.getElementById("idno2").value);
c=Math.pow(a,b); n=Math.sqrt(a);
m=Math.ceil(a); i=Math.floor(a);
(document.getElementById("strlen").value)=sl;
(document.getElementById("strsli").value)=sli;
(document.getElementById("ans").value)=c;
(document.getElementById("sqr").value)=n;
(document.getElementById("ceil").value)=m;
(document.getElementById("floor").value)=i;
}
</script>
<br><br><button onclick="add()">Get Result</button><br><br><label>Length of the
String :</label><input type="text" id="strlen"><br><br>
<label>Slice String :</label><input type="text" id="strsli"><br><br>
```



```
<label><b><u>Power of a number</u></b></label><br><input type="text" id="ans">
<br><br><label><b><u>Squareroot of the number</b></u></label><br>
<input type="text" id="sqr">
<br><br><label><b><u>Ceil of the number</b></u></label><br>
<input type="text" id="ceil">
<br><br><label><b><u>floor of the number</b></u></label><br>
<input type="text" id="floor">
</body>
</html>
```

Output:

Enter a string: hi how are u

enter number 4

enter power 16

Get Result

Length of the String : 12

Slice String : w are

Power of a number
4294967296

Squareroot of the number
2

Ceil of the number
4

floor of the number
4

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>
```

```
</table>
```

```
</body>
```

```
</html>
```

Output

Registration form

username:

password:

confirm password:

email:

Address:

abc(h)
xyz (po)

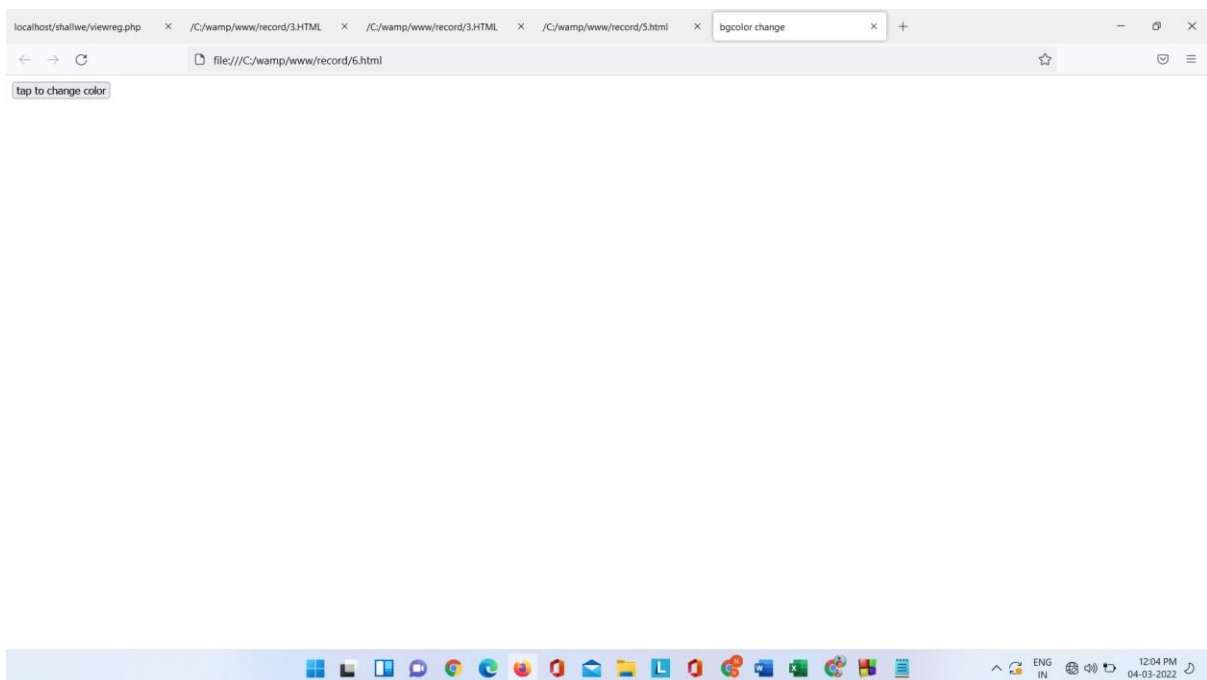
Program no:08

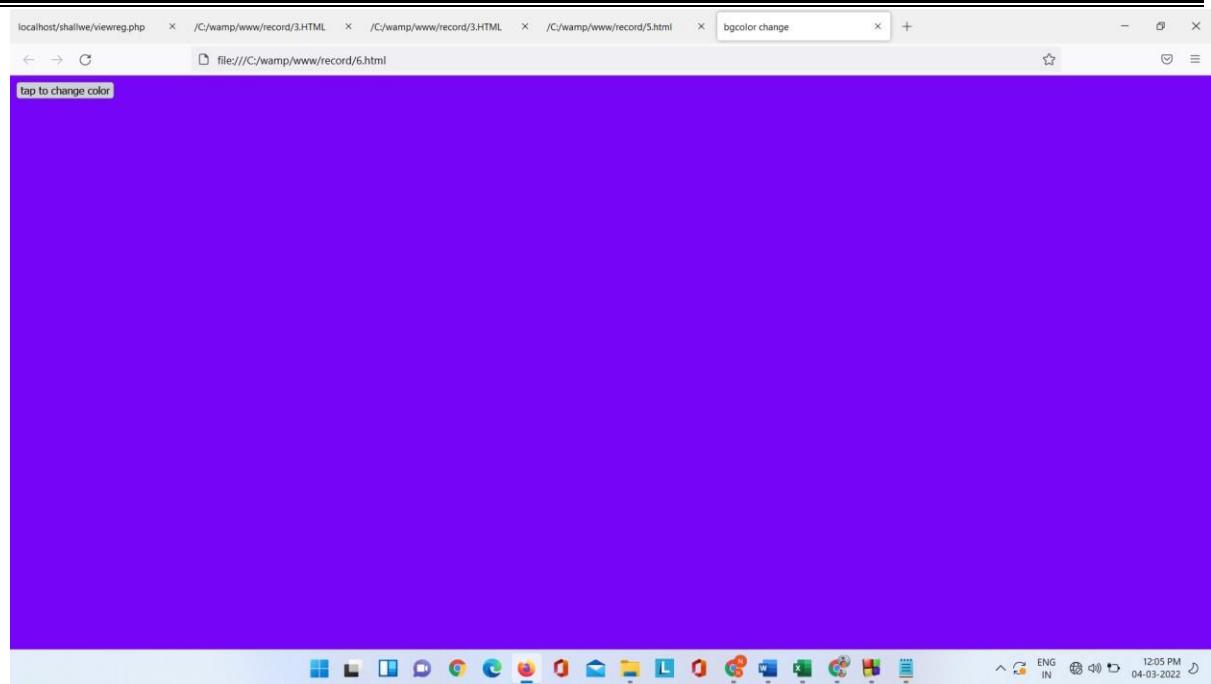
Aim:Evaluating JavaScript Event Handling for every click of a button to change the background color of a HTML page.

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:



Good morning.....



Good night....

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:

basic maths exam

5 X 5

☐ 25 ☐ 10 ☐ 15

10 / 2

☐ 7 ☐ 5 ☐ 2

5 + 5

☐ 15 ☐ 5 ☐ 10

10 - 5

☐ 7 ☐ 5 ☐ 2

10 % 3

☐ 1 ☐ 3 ☐ 2

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">
```

```
<br>
```

```
Email:
```

```
<br>
```

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

```
<br>
```

```
Password:<br>
```

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

```
<br><br>

<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:

0

connected new record created successfully

Signup Form

Personal Information

First Name:

binu

Email:

binu@gmail.com

Password:

submit

The screenshot shows the phpMyAdmin interface with the following details:

- Database:** local
- Table:** local
- Query:** `SELECT * FROM `local``
- Results:** Showing rows 0 - 1 (2 total, Query took 0.0007 seconds.)
- Data Table:**

	sino	name	email	password
<input type="checkbox"/>	1	alan	alan@gmail.com	123
<input type="checkbox"/>	2	binu	binu@gmail.com	123

Below the table, there are options to 'Check all', 'With selected', 'Edit', 'Copy', 'Delete', and 'Export'. At the bottom, there is a 'Bookmark this SQL query' section with a label field and a checkbox 'Let every user access this bookmark'.

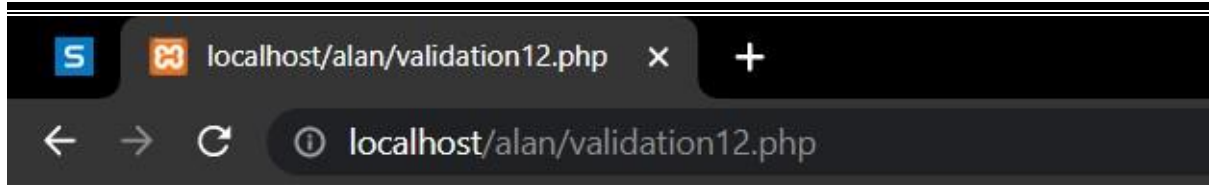
Program no:12

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:



Registration form

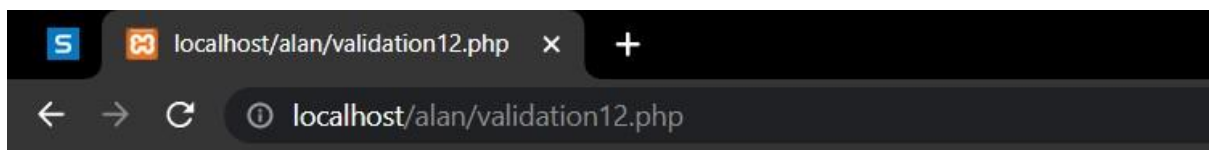
Username :

Email :

Password :

Confirm password :

successfull



Registration form

Username :

Email :

Password :

Confirm password :

Password and confirm password should match

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

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

Output:

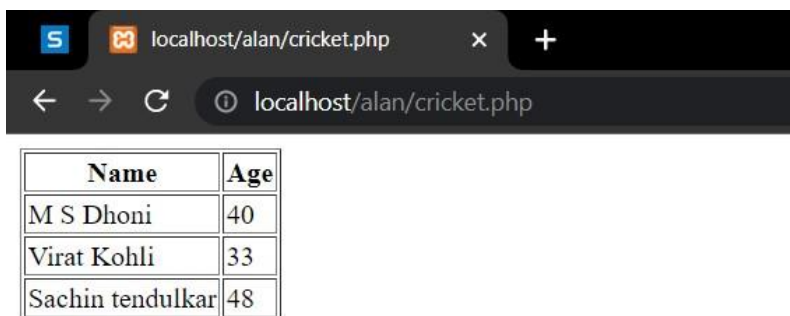
Program no:15

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:



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
$conn=mysqli_connect("localhost","root","","shallwe");
if($conn===false)
{ die("error:could not
connect.".mysqli_connect_error());
}
```

?>

USERPHP

```
<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width, initial-scale=1">

<style> body
{
    margin: 0; font-family: Arial,
Helvetica, sans-serif;
    background-
image:url("https://www.marivalresidences.com/blog/media/uploads/2018/10/Paisajes-1.jpg");
background-attachment: fixed; background-position:center;
}

.column {
    float: left;
```

```
width: 33.33%;

} .row:after {

content: "";

display: table;

clear: both;

}

@media screen and (max-width: 600px) {

.column {

width: 100%;

}

}

.footer {

background-color: #3b051e;

padding: 5px; text-align:

center; text-size-adjust: 4px; ;

text-decoration-color: seashell;

position: fixed;

left: 0;

bottom: 0; width: 100%; }

.header { background-

color:rgb(80, 7, 61); padding:

2px; text-align: center;

background-attachment: fixed;

} * { box-sizing:

border-box;

}
```

```
/* Style the topnav links */ .topnav
```

```
a {  
    float: left;  
    display: block;  
    color: #f2f2f2; text-  
    align: right;  
    padding: 14px 16px; text-  
    decoration: none;  
}
```

```
/* Change color on hover */ .topnav
```

```
a:hover { background-  
color:#810953;  
    color: rgb(17, 3, 5); } ul { list-  
style-type: none; margin: 0;  
padding: 0; overflow: hidden;  
background-color: rgb(51, 7, 42);  
}
```

```
li { float:  
left;  
}
```

```
li a, .dropbtn {  
display: inline-block;  
color: white; text-  
align: center;  
padding: 14px 16px; text-  
decoration: none;
```

```
}
```

```
li a:hover, .dropdown:hover .dropbtn { background-  
color: rgb(212, 22, 155);  
}
```

```
li.dropdown {  
  display: inline-block;  
}  
.dropdown-content {  
  display: none; position: absolute; background-  
color: #f9f9f9; min-width: 160px; box-shadow:  
0px 8px 16px 0px rgba(51, 6, 40, 0.2);  
  z-index: 1;  
}
```

```
.dropdown-content a {  
  color: black;  
padding: 12px 16px;  
text-decoration: none;  
display: block; text-  
align: left;  
}
```

```
.dropdown-content a:hover {background-color: #f1f1f1;}
```

```
.dropdown:hover .dropdown-content {  
  display: block;  
}
```

</style>

</head>

<body>

<div class="header">

<h1><text-color="white"></text-de>SHALL WE</text></h1>

</div>

<div class="topnav"></div>

Home

PARTNER PREFERENCE

<li class="dropdown">

MY PROFILE

<div class="dropdown-content">

VIEW MY PROFILE

EDIT MY PROFILE

UPLOAD PHOTOS

</div>

<li class="dropdown">

SEARCH

<div class="dropdown-content">

SEARCH

</div>

```
</li>

<li><text-align="topnav-left"><a href="logout.php">logout</a></align></li>

</ul>

</div>


<div class="footer">

    <p><B>DESIGNED BY www.shallwe.in</B></p>

</div>

</body>

</html>
```

REGISTER.PHP

```
<?php

    include 'CONNECTION.php';

if(isset($_POST['Register']))

{

    $name = $_POST['name'];

    $emailid = $_POST['emailid'];

    $date = $_POST['date'];

    $gender = $_POST['m'];

    $password = $_POST['password'];

    $sql = "INSERT INTO `register`(`Name`, `Email_id`, `Dob`, `Gender`, `Password`)
VALUES ('$name','$emailid','$date','$gender','$password')";

    $result = mysqli_query($conn,$sql);

    if($result){

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

```
}  
  
else{  
  
    echo mysqli_error($conn);  
  
}  
  
}  
  
?>  
  
<html>
```

LOGIN.PHP

```
<?php  
  
session_start();  
  
include 'CONNECTION.php';  
  
if(isset($_POST['login'])){  
  
    $name = $_POST['name'];  
  
    $password = $_POST['Password'];  
  
    $sql = "SELECT * From register where UserName = '$name' and Password =  
'$password' and status = '1' ";  
  
    $result = mysqli_query($conn,$sql);  
  
    $row = mysqli_fetch_assoc($result);  
  
  
  
    if ($row['UserName'] === $name && $row['Password'] === $pass)  
  
        echo "Logged in!";  
  
  
        $_SESSION['name'] = $row['Name'];  
  
  
        $_SESSION['name'] = $row['name'];
```

```
$_SESSION['id'] = $row['Register_id'];

header("Location: user.php");
}

?>

<html>

<head>

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

<style>

.login{      width:
392px;
overflow: hidden;
margin: auto;
margin: 50 0 0 460px;
padding: 50px;
background: #d1e2e2;
      align-items: center;      border-
radius: 15px ;

}

body{

      background-image: url("pics/bg.jpg");
background-size:100%,100%;
background-repeat:no-repeat;  margin:
```

```
0; font-family: Arial, Helvetica, sans-  
serif;
```

```
background-attachment: fixed; background-  
position:center;  
}
```

```
.column {  
float: left;  
width: 33.33%;  
}
```

```
.row:after {  
content: "";  
display: table;  
clear: both;  
  
}
```

```
@media screen and (max-width: 600px) {  
    .column {  
width: 100%;  
    }  
}
```

```
.header { background-  
color:rgb(80, 7, 61); padding:  
5px; text-align: center; text-  
decoration:white;
```

```
} * { box-sizing:
```

```
border-box;
```

```
}
```

```
/* Style the top navigation bar */
```

```
.topnav { overflow: hidden;
```

```
background-color: rgb(51, 6, 47);
```

```
}
```

```
/* Style the topnav links */ .topnav
```

```
a {
```

```
float: left;
```

```
display: block;
```

```
color: #f2f2f2; text-
```

```
align: right;
```

```
padding: 14px 16px; text-
```

```
decoration: none;
```

```
}
```

```
/* Change color on hover */ .topnav
```

```
a:hover { background-
```

```
color:#810953;
```

```
color: rgb(17, 3, 5);
```

```
}
```

```
.column {
```

```
float: left;
```

```
width: 33.33%;
```

```
padding: 15px;
```



```
}
```

```
.row:after {  
content: "";  
display: table;  
clear: both;  
}
```

```
@media screen and (max-width:600px) {  
    .column {  
width: 100%;  
    }  
}
```

```
.button {    display:  
inline-block;    vertical-  
align: middle;  
background-color: pink;  
border: none;    color:  
white;    padding: 15px  
32px;  
    text-align: center;    text-  
decoration: none;  
display: inline-block;  
font-size: 16px;    margin:  
4px 2px;    cursor:  
pointer;  
}
```

```
.button:hover {background-color: violet;}
```

```
.button:active { background-  
color: #3e8e41; box-shadow: 0  
5px #666; transform:  
translateY(4px);  
}
```

```
.footer { background-color:  
rgb(80, 7, 61); padding: 10px;  
text-align: center;  
text: size adjust 4px; ;  
text-decoration-color:  
seashell; position:  
fixed;  
left: 0;  
bottom: 0;  
width: 100%;  
  
}
```

```
</style>
```

```
<body>
```

```
<div class="header">
```

```
<h1>SHALL WE</h1>
```

```
</div>
```

```
<div class="topnav">
```

```
<a href="index.php">HOME</a>

<a href="aboutus.html">ABOUT US</a>

<a href="search.php">SEARCH</a>

<a href="createprofile.php">PROFILE</a>

<a href="login.php">LOGIN</a>

</div>


<form method="POST">

<div class="login">

<table align="center">

<tr><th><h2> Login</h2></th></tr>

<tr><td>Name: <input type="text" name="name" placeholder="Enter your
username"></td></tr>

<tr><td>Password:<input type="password" name="Password"
placeholder="password"><br></td></tr><br>

<tr><td>

<center><input type="submit" name="login" value="login"></center></td></tr>

<tr><td> <br>Don't have an account<a href="register.php"> Sign up </a></td></tr>

</div>

</table>

</form>

</body>

<?php include "footer.php" ;?>

</html>
```

VIEWREG.PHP

```
<?php

session_start();

include 'CONNECTION.php';

if(isset($_POST['login'])){

    $name = $_POST['name'];

    $password = $_POST['Password'];

    $sql = "SELECT * From register where UserName = '$name' and Password =
'$password' and status = '1' ";

    $result = mysqli_query($conn,$sql);

    $row = mysqli_fetch_assoc($result);

    if ($row['UserName'] === $name && $row['Password'] === $pass)

        echo "Logged in!";

    $_SESSION['name'] = $row['Name'];

    $_SESSION['name'] = $row['name'];

    $_SESSION['id'] = $row['Register_id'];

    header("Location: user.php");

}

?>
```

```
<html>

<head>

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

<style>

.login{      width:
392px;      overflow:
hidden;      margin:
auto;      margin: 50 0 0
460px;      padding:
50px;      background:
#d1e2e2;

      align-items: center;
      border-radius: 15px ;

}

body{

      background-image: url("pics/bg.jpg");
background-size:100%,100%;
background-repeat:no-repeat;  margin:
0;  font-family: Arial, Helvetica, sans-
serif;

      background-attachment: fixed;  background-
position:center;

}
```

```
.column {  
    float: left;  
    width: 33.33%;  
}
```

```
.row:after {  
    content: "";  
    display: table;  
    clear: both;  
}
```

```
@media screen and (max-width: 600px) {  
    .column {  
        width: 100%;  
    }  
}
```

```
.header { background-  
color:rgb(80, 7, 61); padding:  
5px; text-align: center; text-  
decoration:white;  
} * { box-sizing:  
border-box;  
}
```

```
/* Style the top navigation bar */  
.topnav { overflow: hidden;  
background-color: rgb(51, 6, 47);
```

```
}
```

```
/* Style the topnav links */ .topnav
```

```
a {
```

```
    float: left;
```

```
    display: block;
```

```
    color: #f2f2f2; text-
```

```
align: right;
```

```
    padding: 14px 16px; text-
```

```
decoration: none;
```

```
}
```

```
/* Change color on hover */ .topnav
```

```
a:hover { background-
```

```
color:#810953;
```

```
    color: rgb(17, 3, 5);
```

```
}
```

```
.column {
```

```
    float: left;
```

```
    width: 33.33%;
```

```
padding: 15px;
```

```
}
```

```
.row:after {
```

```
content: "";
```

```
display: table;
```

```
clear: both;
```

```
}  
  
@media screen and (max-width:600px) {  
  
  .column {  
width: 100%;  
  
  }  
}  
  
.button {  display:  
inline-block;  vertical-  
align: middle;  
background-color: pink;  
border: none;  color:  
white; padding: 15px  
32px;  
  text-align: center; text-  
decoration: none;  
display: inline-block;  
font-size: 16px; margin:  
4px 2px; cursor:  
pointer;  
}  
  
.button:hover {background-color: violet;}  
  
.button:active {  background-  
color: #3e8e41; box-shadow: 0  
5px #666; transform:  
translateY(4px);  
}
```



```
.footer { background-color:
rgb(80, 7, 61); padding: 10px;
text-align: center; text: size
adjust 4px; ; text-decoration-
color: seashell; position: fixed;

left: 0;

bottom: 0;

width: 100%;

}

</style>

<body>

<div class="header">

<h1>SHALL WE</h1>

</div>

<div class="topnav">

<a href="index.php">HOME</a>

<a href="aboutus.html">ABOUT US</a>

<a href="search.php">SEARCH</a>

<a href="createprofile.php">PROFILE</a>

<a href="login.php">LOGIN</a>

</div>

<form method="POST">

<div class="login">

<table align="center">
```

```
<tr><th><h2> Login</h2></th></tr>

<tr><td>Name: <input type="text" name="name" placeholder="Enter your
username"></td></tr>

<tr><td>Password:<input type="password" name="Password"
placeholder="password"><br></td></tr><br>

<tr><td>

<center><input type="submit" name="login" value="login"></center></td></tr>

<tr><td> <br>Don't have an account<a href="register.php"> Sign up </a></td></tr>

</div>

</table>

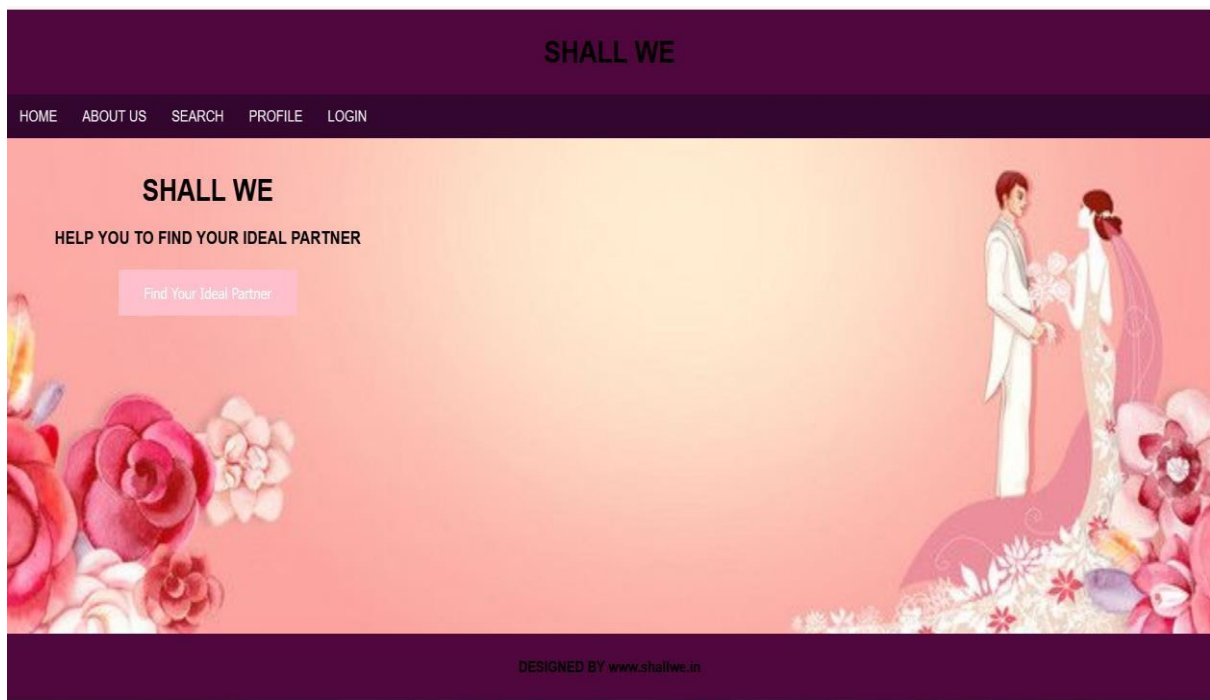
</form>

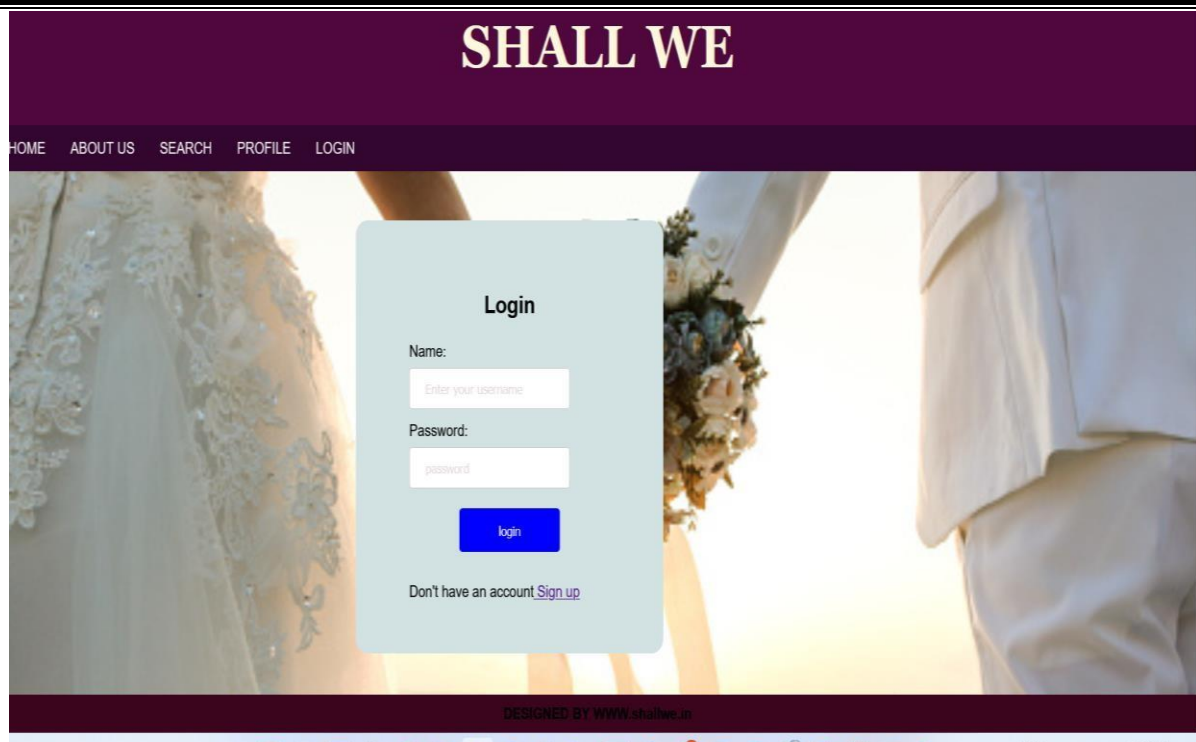
</body>

<?php include "footer.php" ;?>

</html>
```

Output:





The image shows a login form overlay on a background image of a bride and groom. The form is titled "Login" and is contained within a light blue box. It includes input fields for "Name:" (with placeholder "Enter your username") and "Password:" (with placeholder "password"). A blue "login" button is positioned below the password field. At the bottom of the form, there is a link: "Don't have an account [Sign up](#)". The background image shows the lower half of a bride in a white lace dress and a groom in a white suit, holding hands. The website header is dark purple with the text "SHALL WE" in white. Below the header is a navigation bar with links: HOME, ABOUT US, SEARCH, PROFILE, LOGIN. The footer is dark purple with the text "DESIGNED BY WWW.shallwe.in".

SHALL WE

HOME ABOUT US SEARCH PROFILE LOGIN

Login

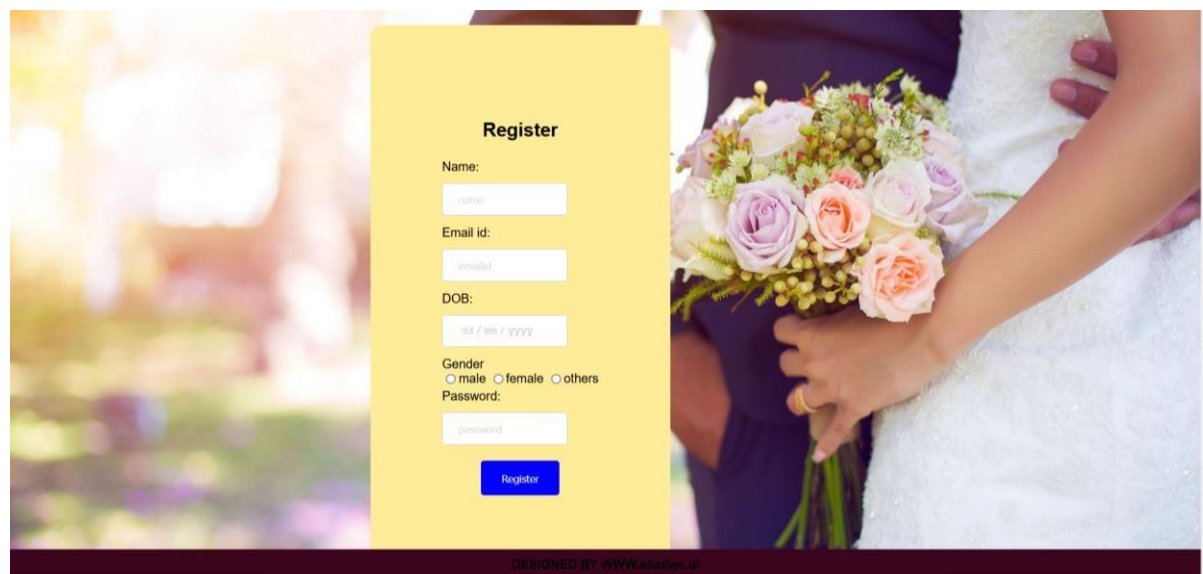
Name:

Password:

[login](#)

Don't have an account [Sign up](#)

DESIGNED BY WWW.shallwe.in



The image shows a register form overlay on a background image of a bride and groom. The form is titled "Register" and is contained within a yellow box. It includes input fields for "Name:" (with placeholder "name"), "Email id:" (with placeholder "emailid"), and "DOB:" (with placeholder "dd / mm / yyyy"). There are radio buttons for "Gender" with options "male", "female", and "others". A "Password:" field with placeholder "password" is also present. A blue "Register" button is positioned below the password field. The background image shows the lower half of a bride in a white lace dress and a groom in a dark suit, holding hands. The website header is dark purple with the text "SHALL WE" in white. Below the header is a navigation bar with links: HOME, ABOUT US, SEARCH, PROFILE, LOGIN. The footer is dark purple with the text "DESIGNED BY WWW.shallwe.in".

SHALL WE

HOME ABOUT US SEARCH PROFILE LOGIN

Register

Name:

Email id:

DOB:

Gender
☐ male ☐ female ☐ others

Password:

[Register](#)

DESIGNED BY WWW.shallwe.in

localhost/shallwe/viewreg.php

localhost/shallwe/viewreg.php

SHALL WE

HOME VIEW REGISTERED USERS LOGOUT

REGISTER_ID	NAME	EMAILID	DOB	GENDER	PASSWORD	STATUS
1	neha	neha@gmail.com	2000-03-01	female	neha	1
2	JESUS	jesus@gmail.com	1984-02-14	male	jesus	1
10	rahul	rahul@gmail.com	1982-02-24	male	rahul	1
11	rahul	rahul@gmail.com	1982-02-24	male	rahul	1
12			0000-00-00			1
13	raj	raj@gmail.com	1999-02-18	male	raju	1
14	RAJU	raju@gmail.com	1983-01-31	male	raju	1
15	manu	manu@gmail.com	1965-01-31	male	manu	1

DESIGNED BY www.shallwe.in

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';    }
    ?>
```

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

```

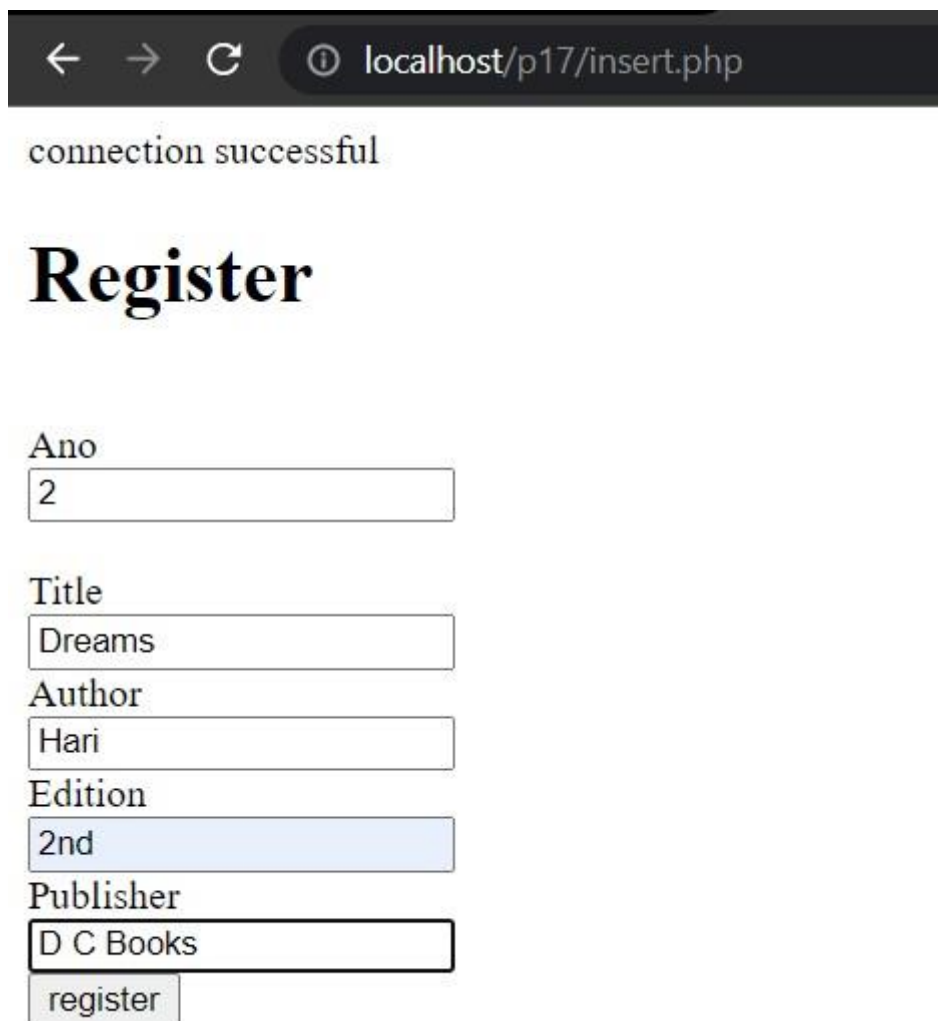
Booksearch.php

```

<?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>
```

Output:

The screenshot shows a web browser window with the address bar displaying 'localhost/p17/insert.php'. Below the address bar, the text 'connection successful' is visible. The main content of the page is a registration form titled 'Register'. The form contains several input fields: 'Ano' with the value '2', 'Title' with the value 'Dreams', 'Author' with the value 'Hari', 'Edition' with the value '2nd', and 'Publisher' with the value 'D C Books'. A 'register' button is located at the bottom of the form.

← → ↻ ⓘ localhost/p17/insert.php

connection successful

Register

Ano
2

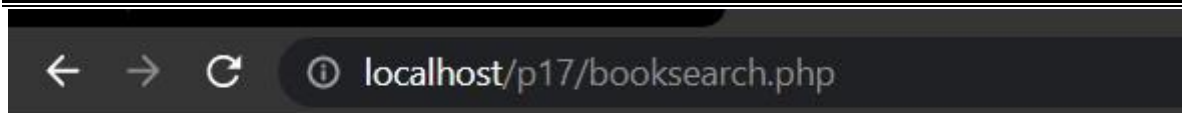
Title
Dreams

Author
Hari

Edition
2nd

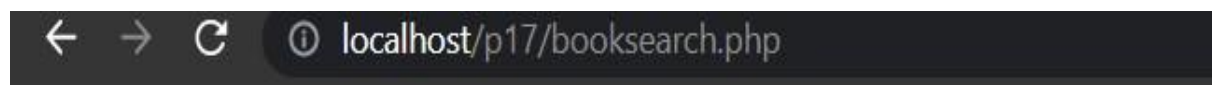
Publisher
D C Books

register



connection successful

enter the title



connection successful

sino	title	author	edition	publisher
2	Dreams	Hari	2nd	D C Books

enter the title