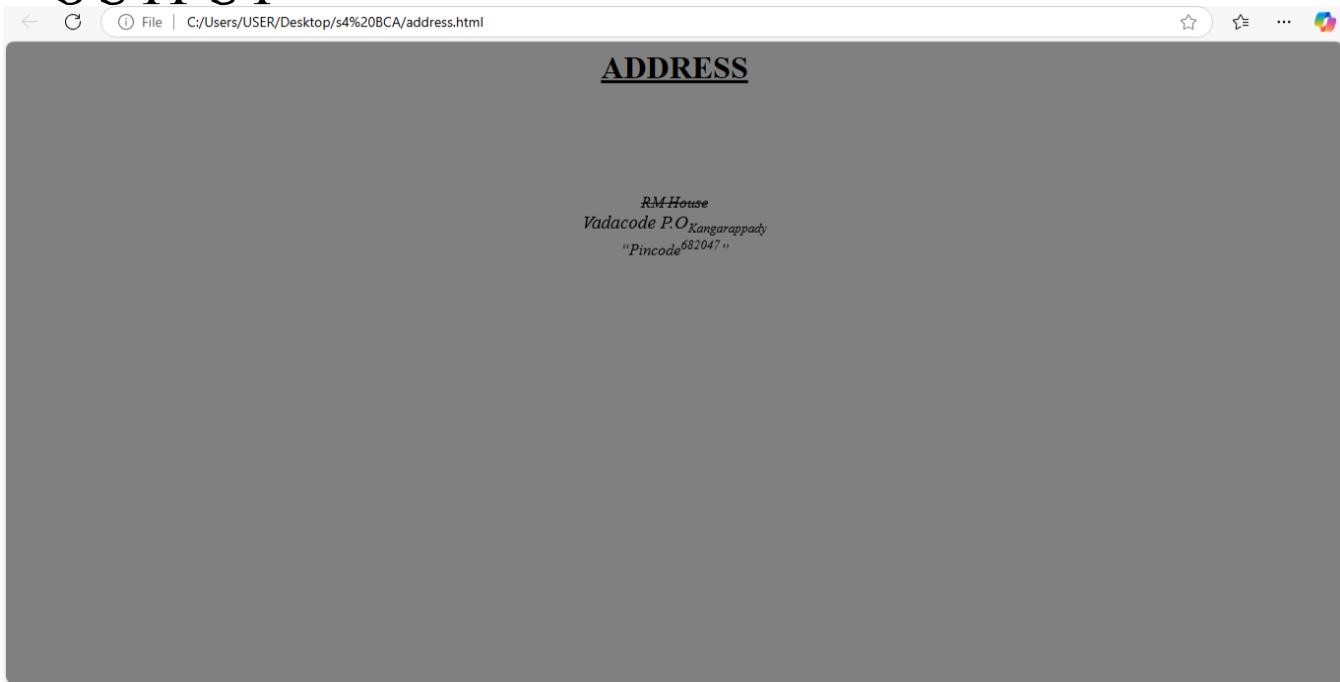


LAB CYCLE -1 HTML PROGRAMS

1. Write a program to demonstrate various text formatting tags in HTML.

```
<html>
<head>
<title>Text formatting</title>
</head>
<body bgcolor="grey">
<center>
<h1><b><u>ADDRESS</u></b></h1><br><br><br><br>
<p><i><s>RM House</s><br>
<big>Vadacode P.O</big><sub>Kangarappady</sub><br>
<q>Pincode<sup>682047</sup></q></i></p>
</center></body></html>
```

OUTPUT



RESULT

The program executed successfully and the required output obtained

2. Write a program to insert images and hyperlinks

a.html

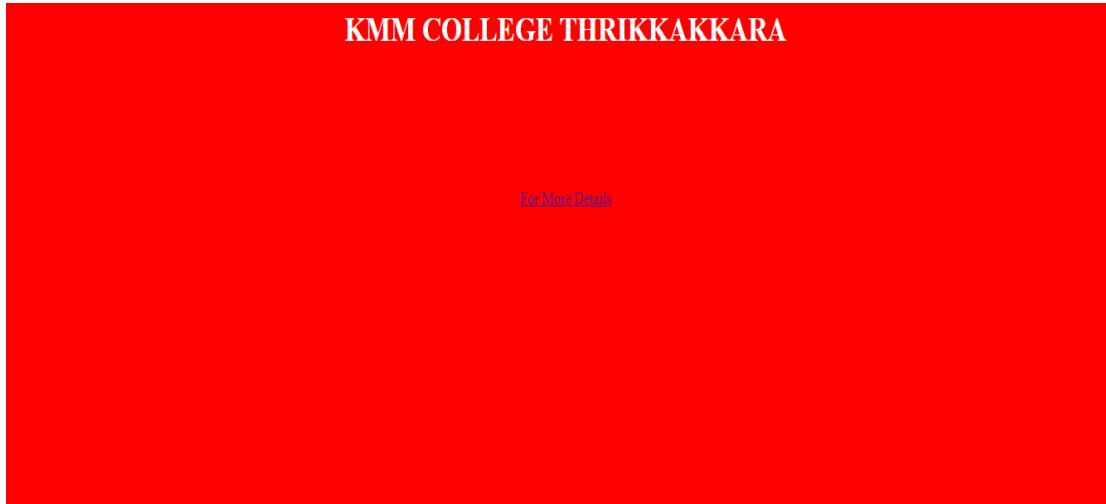
```
<html>
<head>
<title>a.html</title>
</head>
<body bgcolor="red" text="white">
<center>
<h1><b>KMM COLLEGE THRIKKAKKARA</b></h1>
<BR><BR><BR><BR><BR><BR>
<a href="b.html"> For More Details</a>
</center>
</body>
</html>
```

b.html

```
<html>
<head>
<title>b.html</title>
</head>
<body>
<h1><center><marquee direction="right">
KMM COLLEGE OF ARTS AND SCIENCE
THRIKKAKKARA</marquee></h1></center>

<a href="a.html">previous</a>
</body>
</html>
```

output



RESULT

The program executed successfully and the required output obtained

3. Write a program to demonstrate LIST tags in HTML.

PROGRAM

```
<html>
<head>
</head>

<body>
<h3> <center>LISTS IN HTML</center></h3>
<hr>
<ul type="square">
<li>INPUT DEVICES
<ol>
<li>keyboard</li>
<li>mouse</li>
<li>scanner</li>
</ol>
</ul>
<ul type="square">
<li>OUTPUT DEVICES
<ol type="i">
<li>printer</li>
<li>moniter</li>
<li>speaker</li>
</ol>
</ul>
<ul type="circle">
```

```
<li>MEMORY DEVICES
```

```
<ol type="a">
```

```
<li>hard disk</li>
```

```
<li>CD Rom</li>
```

```
<li>flash drive</li>
```

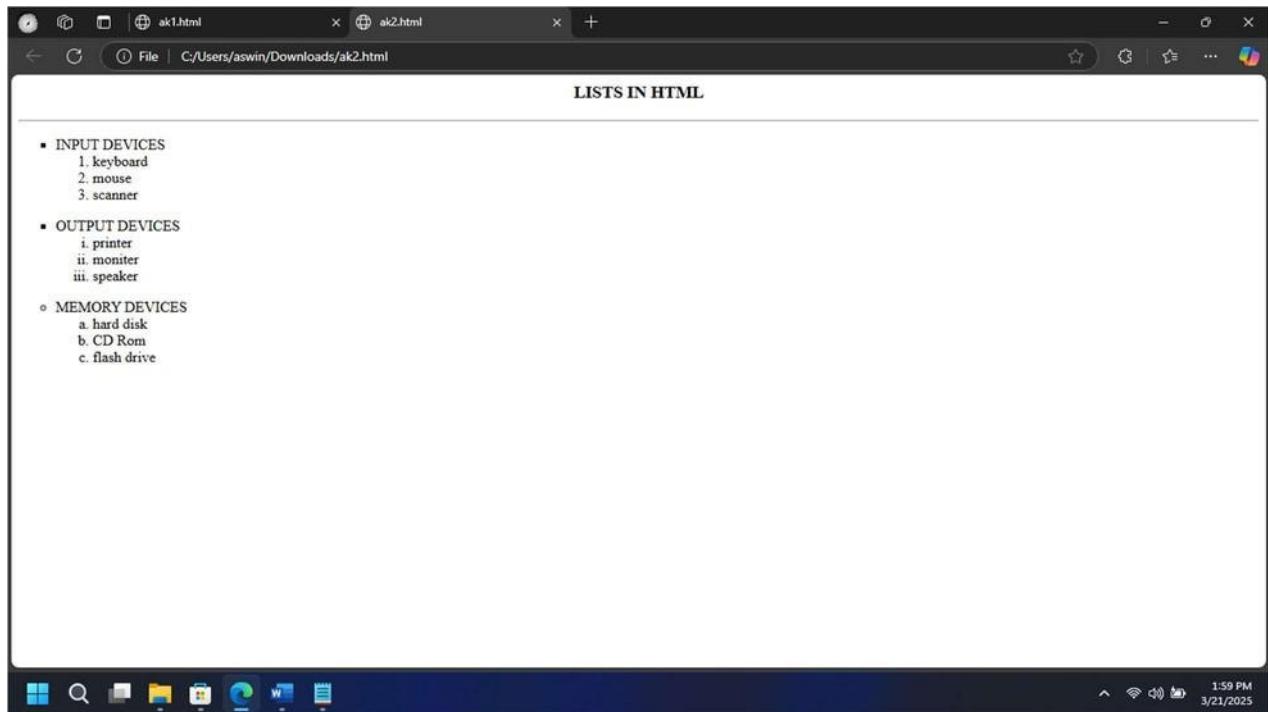
```
</ol>
```

```
</ul>
```

```
</body>
```

```
</html>
```

OUTPUT



RESULT

The program executed successfully and the required output obtained

4. Program to Implement Tables in HTML

```
<html>
<head>
<title>Road Accident in kerala during 2012-2014</title>
</head>
<body>
<center><font color="red">ROAD ACCIDENT IN KERALA DURING 2012-2014</font>
<table border=2>
<tr>
<th rowspan="2">Year</th>
<th colspan="3">Total no.of</th>
</tr>
<tr>
<th>Cases</th>
<th>person killed</th>
<th>person injured</th>
</tr>
<tr>
<th>2012</th>
<td>36721</td>
<td>4286</td>
<td>4916</td>
</tr>
<tr>
<th>2013</th>
<td>35215</td>
<td>4625</td>
<td>40346</td>
</tr>
<tr>
<th>2014</th>
<td>8282</td>
<td>4049</td>
<td>41096</td>
```

```
</tr>
</table>
</center>
</body>
</html>
```

\

OUTPUT

The screenshot shows a web browser window with the following details:

- Address bar: File | C:/Users/USER/Desktop/s4%20BCA/table12.html
- Toolbar icons: Back, Forward, Stop, Refresh, Home, Favorites, and others.
- Content area title: ROAD ACCIDENT IN KERALA DURING 2012-2014
- Table:

Year	Total no.of		
	Cases	Person Killed	Person Injured
2012	36721	4286	4916
2013	35215	4625	40346
2014	8282	4049	41096

RESULT

The program executed successfully and the required output obtained

5. Write a program to demonstrate frame tags in HTML.

PROGRAM

FRAMES.html

```
<html>
<head>
<title>Frame </title>
</head>
<frameset rows="33.33%,33.33%,33.33%">
<frame src="in.html" />
<frame src="out.html" />
<frame src="memory.html" />
</frameset>
</html>
```

In.html

```
<html>
<head>
<title>frame set </title>
</head>
<body bgcolor="red" align="center">
<h1>INPUT DEVICES</h1>
<i>keyboard</i><br>
<i>mouse</i>
</body>
</html>
```

Out.html

```
<html>
<head>
<title>frame set </title>
</head>

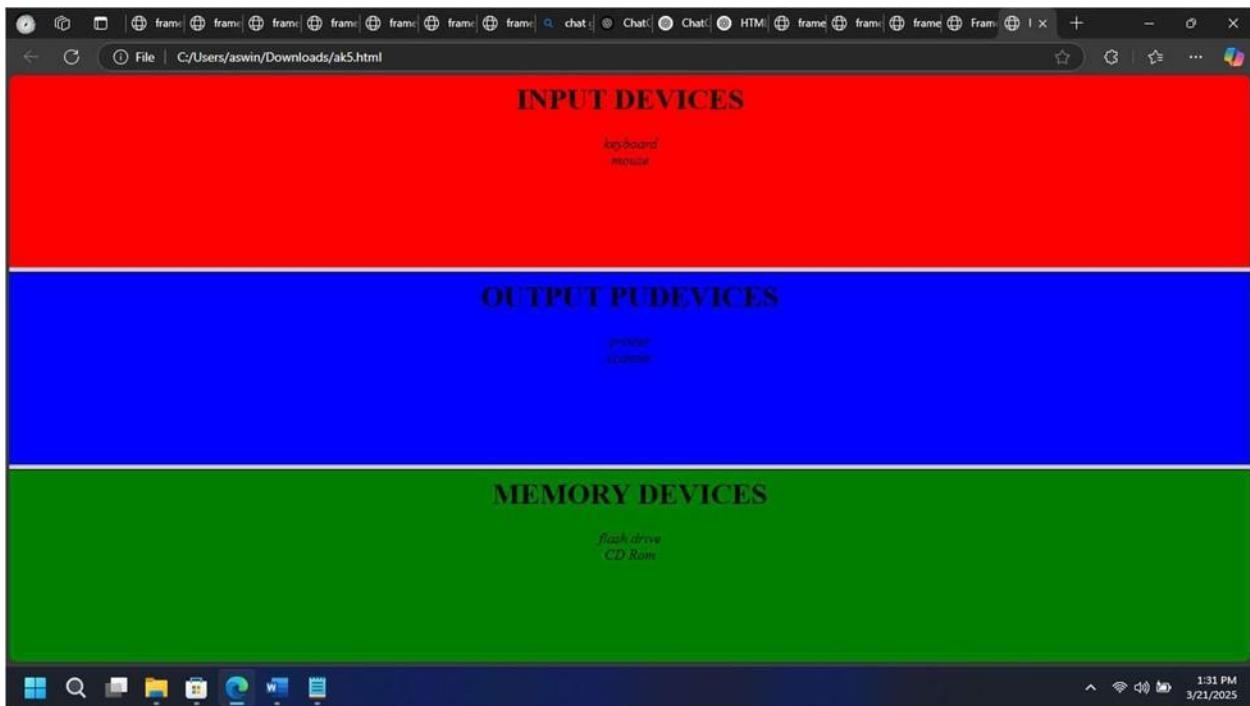
<body bgcolor="blue" align="center">
<h1>OUTPUT DEVICES</h1>
<i>printer</i><br>
<i>scanner</i>
</body>
</html>
```

Memory.html

```
<html>
<head>
<title>frame set </title>
</head>

<body bgcolor="green" align="center">
<h1>MEMORY DEVICES</h1>
<i>flash drive</i><br>
<i>CD Rom</i>
</body>
</html>
```

Output



RESULT

The program executed successfully and the required output obtained

6. Write a program to create a Job application form using HTML.

PROGRAM

```
<html>
<head>
<title>Formation of Job application</title>
</head>
<body bgcolor="red">
<h2><b>JOB FORM</b></h2><form >
First name: <input type = "text" name = "first_name" />
<br><br>
Last name: <input type = "text" name = "last_name" /><br><br>
Gender: <input type = "radio" name = "subject" value = "male"> Male
<input type = "radio" name = "subject" value = "female"> Female
<input type = "radio" name = "subject" value = "other"> Other<br>
Mail ID : <input type = "text" name = "user_id" /><br>
Phone Number:<br> <input type = "Number" name = "Phone Number" /> <br>
Address : <br/>
<textarea rows = "5" cols = "50" name = "description"> Enter description here...
</textarea><br> Write about you : <br/>
<textarea rows = "5" cols = "50" name = "description"> Enter description here...
</textarea><br>
Select your state:<select name = "dropdown">
<option value = "Kerala" selected>Kerala</option>
<option value = "Tamil Nadu">Tamil Nadu</option>
<option value = "Karnataka" >Karnataka</option>
```

<option value = "Andraoradhesh">Andraoradhesh</option></select>
 Your

Qualifications:

 <input type = "checkbox" name = "SSLC" value = "on">SSLC

<input type = "checkbox" name = "PGDCA" value = "on"> PGDCA

<input type = "checkbox" name = "MSC CS" value = "on">MSC CS

<input type = "checkbox" name = "MCA" value = "on">MCA

<input type = "checkbox" name = "DCA" value = "on">DCA

<input type = "checkbox" name = "others" value = "on">Others

Write about your skills :

<textarea rows = "5" cols = "50" name = "description"> Enter description here...

</textarea>

Write about your Experience :

<textarea rows = "5" cols = "50" name = "description"> Enter description here...

</textarea>
 You are interested in:

 <input type = "checkbox" name = "Programming" value = "on">Programming

<input type = "checkbox" name = "Typing" value = "on"> Typing

<input type = "checkbox" name = "Teaching" value = "on">Teaching

<input type = "checkbox" name = "Animation" value = "on">Animation

<input type = "file" name = "Add photo" value = "Add phpto" />

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

<input type = "reset" name = "reset" value = "Reset" /></form></body></html>

Output

JOB FORM

First name: [Redacted]
Last name: [Redacted]

Gender: Male Female Other
Mail ID: [Redacted]
Phone Number: [Redacted]

Address:
Enter description here...

Previous Job:
Enter description here...

Current Qualification:
 SSLC PUC NBC CS MCA
 D.K. Others
Enter description here...

Previous Experience:
Enter description here...

Skills I am interested in:
 Programming Typing Reading Animation
Choose File [Redacted] for chosen
Submit Reset

RESULT

The program executed successfully and the required output obtained

LAB CYCLE -2 CSS and Javascript

7. Write a program to demonstrate 3 different types of CSS.

PROGRAM

```
<html>
<head>
<link rel="stylesheet" type="text/css" href="firststyle.css">
<style>
body { background-color:#3AAFA9 }
</style>
</head>
<body>
<center><h2>Three types of CSS</h2></center><hr>
<p style="background-color:#dEF2F1">Name : sanji<br> Roll No: 3 <br> <br>Date Of Birth:20-11-1999</p>
</body>
</html>
```

Output



RESULT

The program executed successfully and the required output obtained

8. Program To Illustrate Links,List Using CSS

PROGRAM

```
<!DOCTYPE html>
<html>
<head>
<style>
/* unvisited link */
a:link {
  color: red;
}

/* visited link */
a:visited {
  color: green;
}

/* mouse over link */
a:hover {
  color: hotpink;
}

/* selected link */
a:active {
  color: blue;
}
ul.a {
  list-style-type: circle;
//list-style-position:outside;
//list-style:inside url("rose.jpg");
}
ul.b {
  list-style-type: square;
}
ol.c {
  list-style-type: upper-roman;
}

ol.d {
  list-style-type: lower-alpha;
}
</style>

</head>
<body>
```

```
<h2>Lists</h2>
<p>Example of unordered lists:</p>
<ul class="a">
<li><a href="coffee.html">Coffee</a></li>
<li>Tea</li>
<li>Coca Cola</li>
</ul>
<ul class="b">
<li>Coffee</li>
<li>Tea</li>
<li>Coca Cola</li>
</ul>
<p>Example of ordered lists:</p>
<ol class="c">
<li>Coffee</li>
<li>Tea</li>
<li><a href="cocacola.html">Coca Cola</a></li>
</ol>
<ol class="d">
<li>Coffee</li>
<li>Tea</li>
<li>Coca Cola</li>
</ol>
</body>
</html>
```

Coffee.html

```
<html>

<body>



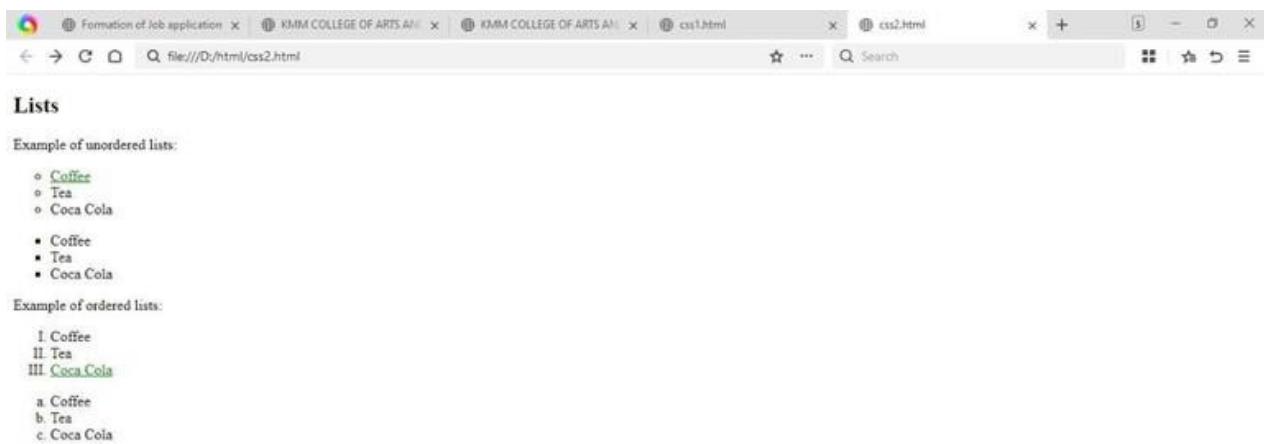
</body>

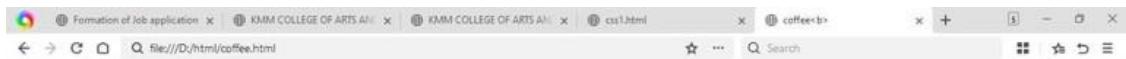
</html>
```

Cocacola.html

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

Output





1

COFFEE



ABOUTcoco cola is very good

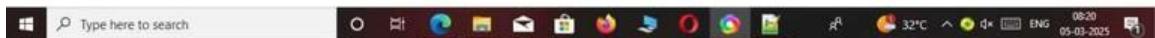


COCO-COLA



founder :john stith pemberton

ABOUTcoco cola is bad



RESULT

The program executed successfully and the required output obtained

9. Design Login Form Validation

Write a javascript code to make the following validations

- **Name cannot be empty**
- **Password Must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters"**

PROGRAM

Loginformvalidation.html

```
<html>

<body> <center>SIGN IN

<form name="myform" method="post" action="valid.php">

Name: <input type="text" name="name" required > <br>

Password<input type="password" id="psw" name="psw" pattern="(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}" title="Must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters" required>

<br><input type="submit" value="register"> </center>

</form>

</body>

</html>
```

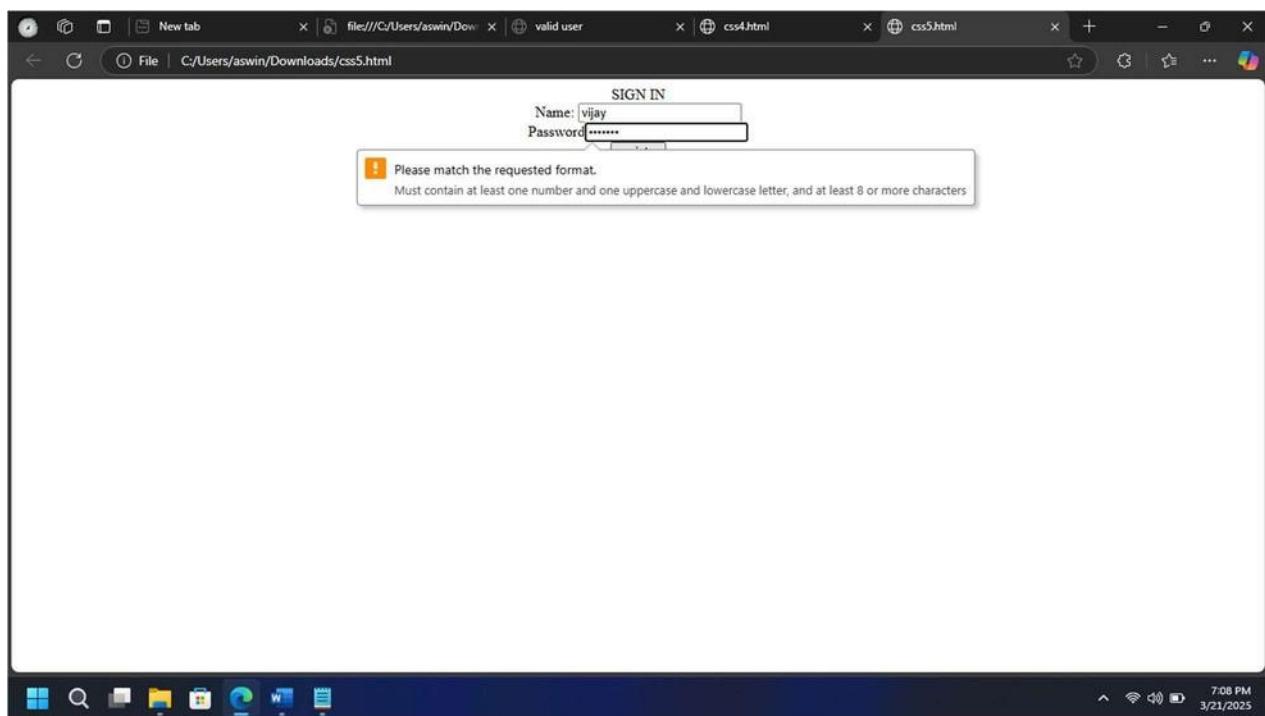
valid.php

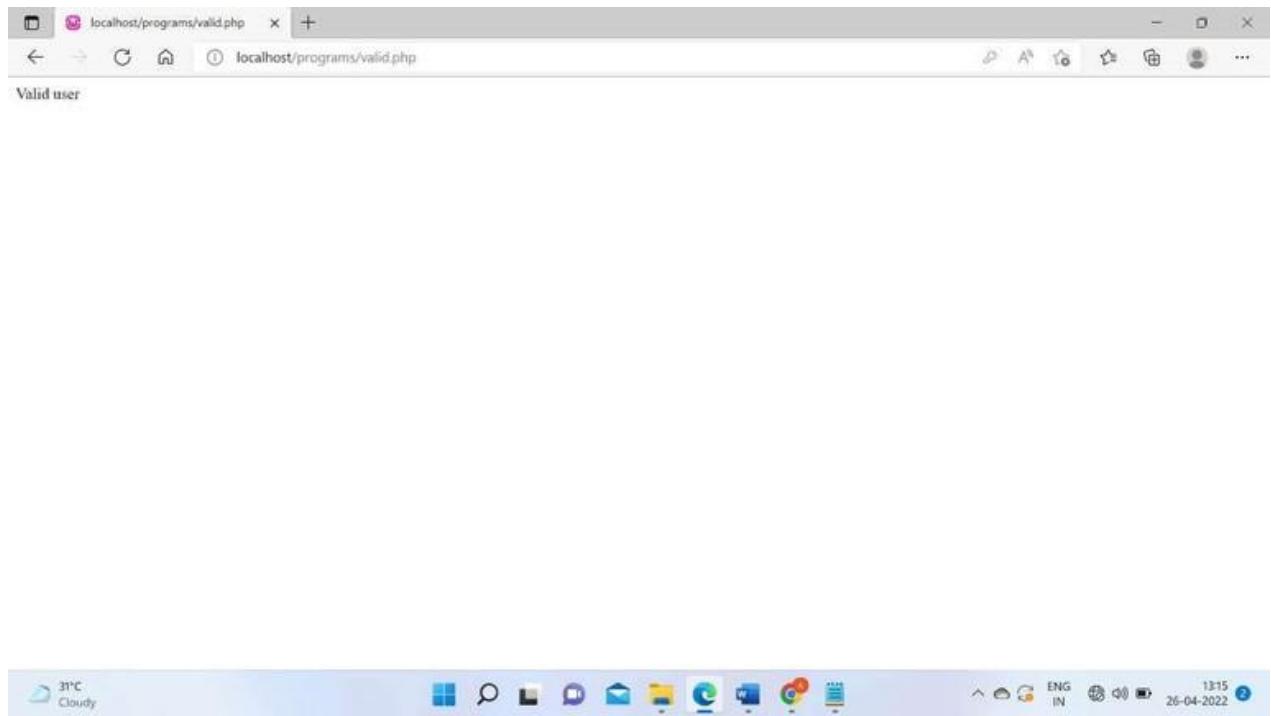
```
<?php

echo "Valid user";

?>
```

Output





RESULT

The program executed successfully and the required output obtained

10 Design Registration Form Validation By Putting The Following Validation

- All the fields should not be empty
- Password should not be less than 8 characters and not be more than 16 characters
- Email id should be in correct form
- Phone number should be exact 10 digits(not greater than 10 and not less than 10)

PROGRAM

```
<html>
<head>
<script>

function validate() {
    var name =document.forms["RegForm"]["Name"];
    var email =document.forms["RegForm"]["EMail"];
    var phone =document.forms["RegForm"]["Telephone"];
    var what =document.forms["RegForm"]["Subject"];
    var password =document.forms["RegForm"]["Password"];
    var address =document.forms["RegForm"]["Address"];
    if (name.value == "")
    {
        window.alert("Please enter your name.");
        name.focus();
        return false;
    }
    if (address.value == "")
    {
        window.alert("Please enter your address.");
        address.focus();
        return false;
    }
}
```

```
}

if (email.value == "") {
    window.alert("Please enter a valid e-mail address.");
    email.focus();
    return false;
}

if (phone.value == "") {
    window.alert("Please enter your telephone number.");
    phone.focus();
    return false;
}

if (password.value == "") {
    window.alert("Please enter your password");
    password.focus();
    return false;
}

if (what.selectedIndex < 1) {
    alert("Please enter your course.");
    what.focus();
    return false;
}

return true;
}

</script>

<style>
div {
```

```
box-sizing: border-box;
width: 100%;
border: 100px solid black;
float: left;
align-content: center;
align-items: center;
}

form {
margin: 0 auto;
width: 600px;
}

</style>
</head>
<body>

<h1 style="text-align: center;">REGISTRATION FORM</h1>

<form name="RegForm" action=""onsubmit="return validate()" method="post">

<p>Name: <input type="text" size="65" title="Only characters and whitespace allowed" pattern="[A-Za-z ]+$" required name="Name" /></p>

<br />

<p>Address: <input type="text" size="65" name="Address" required />
</p>

<br />

<p>E-mail Address: <input type="email" size="65" name="EMail" /></p>

<br />

<p>Password: <input type="password" size="65" minlength="8" maxlength="16" name="Password" /></p>

<br/>

<p>
Telephone:<input class="input" name="Telephone" type="text" pattern="[6-9]{1}[0-9]{9}"
```

```
title="Phone number with 6-9 and remaining 9 digit with 0-9" required/>
</p>
<p>
SELECT YOUR COURSE
<select type="text" value="" name="Subject">
<option>BTECH</option>
<option>BBA</option>
<option>BCA</option>
<option>B.COM</option>
</select>
</p>
<br />
<br />
<p>Comments: <textarea cols="55"
name="Comment"> </textarea></p>
<p>
<input type="submit" value="send" name="Submit" />
<input type="reset" value="Reset" name="Reset" />
</p>
</form>
</body>
</html>
```

Output

New tab file:///C:/Users/aswin/Downloads/ valid user css4.html

REGISTRATION FORM

Name:

Address:

E-mail Address:
Please include an '@' in the email address. 'v' is missing an '@'.

Password:

Telephone:

SELECT YOUR COURSE

Comments:

6:54 PM 3/21/2025

New tab file:///C:/Users/aswin/Downloads/ valid user css4.html

REGISTRATION FORM

Name:

Address:

E-mail Address:

Password:
Please lengthen this text to 8 characters or more (you are currently using 1 character).

Telephone:

SELECT YOUR COURSE

Comments:

6:56 PM 3/21/2025

REGISTRATION FORM

Name:

Address:

E-mail Address:

Password:

Telephone:

SELECT YOUR COURSE

Comments:

REGISTRATION FORM

Name:

Address:

E-mail Address:

Password:

Telephone:

SELECT YOUR COURSE

Comments:

RESULT

The program executed successfully and the required output obtained

LAB CYCLE-3 PHP PROGRAMS

11. Write a program to check whether a given number is odd or even using PHP.

PROGRAM

```
<html>
<head></head>
<body>
<form action="" method="POST">
<h3> Even or ODD Checking</h3>Enter the number
<input type="number" name="num">
<input type="submit" name="submit" value="Check">
</form>
<?php if(isset($_POST['submit'])) {
{
$num=$_POST['num'];if($num%2)
echo "odd Number";
else
}
?>
</body>
</html>
```

```
echo      "even Number";
```

OUTPUT



RESULT

The program executed successfully and the required output obtained

12. Write a program to find the grade of a student using PHP.

PROGRAM

```
<html>
<head>
</head>
<body>
<form action="" method="POST">
<h3> Calculate grade of student</h3>
<br>Enter Mark1 (out of 100)
<input type="number" name="mark1">
<br>Enter Mark2 (out of 100)
<input type="number" name="mark2">
<br>Enter Mark3 (out of 100)
<input type="number" name="mark3">
<br>
<input type="submit" name="submit" value="Calculate Grade">
</form>
<?php
if(isset($_POST['submit']))
{
$mark1=$_POST['mark1'];
$mark2=$_POST['mark2'];
$mark3=$_POST['mark3'];
$total=$mark1+$mark2+$mark3;echo "Total Mark = $total<br>"; if($total>250)
echo "<br>Passed...Grade = Distinction";else if($total>200 &&$total<250)
echo "<br>Passed...Grade = First Class";else if($total>150 &&$total<100)
echo "<br>Passed...Grade = Second Class";
else
    echo "Failed ";
}
?>
<body>
</html>
```

OUTPUT

The screenshot shows two instances of a web browser window, both displaying the URL `localhost/S4Bsc/grade.php`. The browser interface includes a search bar, a tab bar with multiple open tabs, and a toolbar with various icons.

Screenshot 1: The page title is "Calculate grade of student". It contains three input fields labeled "Enter Mark1 (out of 100)", "Enter Mark2 (out of 100)", and "Enter Mark3 (out of 100)". Below these is a "Calculate Grade" button. The output below the form shows "Total Mark = 247" and "Passed...Grade = First Class".

Screenshot 2: The page title is "Calculate grade of student". It contains three input fields labeled "Enter Mark1 (out of 100)", "Enter Mark2 (out of 100)", and "Enter Mark3 (out of 100)". Below these is a "Calculate Grade" button. The output below the form shows "Total Mark = 70" and "Failed".

RESULT

The program executed successfully and the required output obtained

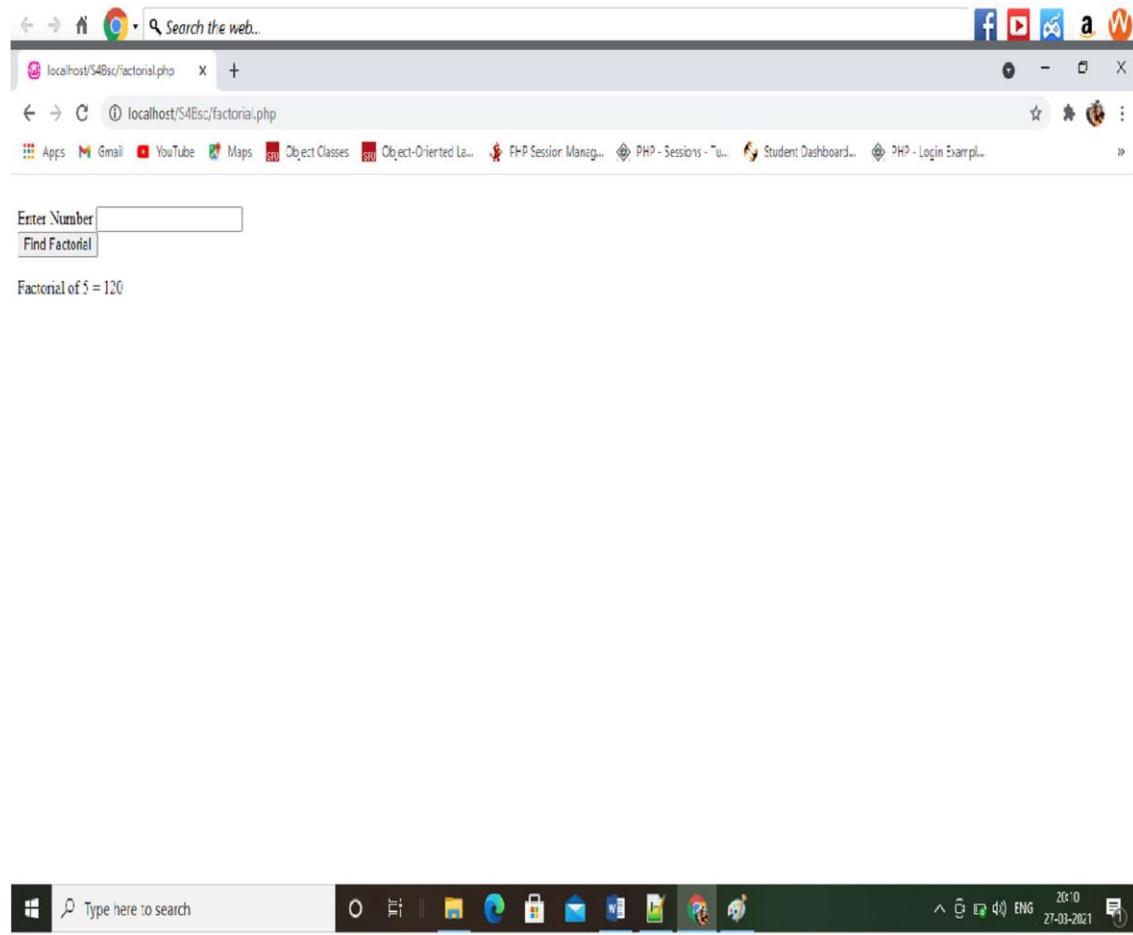
13. Write a program to find the factorial of a number using PHP.

PROGRAM

```
<html>
<head>
</head>
<body>
<form action="" method="POST">
<h3> Factorial of a number</h3>
<br>Enter Number
<input type="number" name="num"><br>
<input type="submit" Value="Find Factorial" name="submit">
</form>
<?php
if(isset($_POST['submit']))
{
    $num=$_POST['num'];
    $fact=1; for($i=1;$i<=$num;$i++)
    $fact=$fact*$i;
    echo "Factorial of $num = $fact";

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

OUTPUT



RESULT

The program executed successfully and the required output obtained

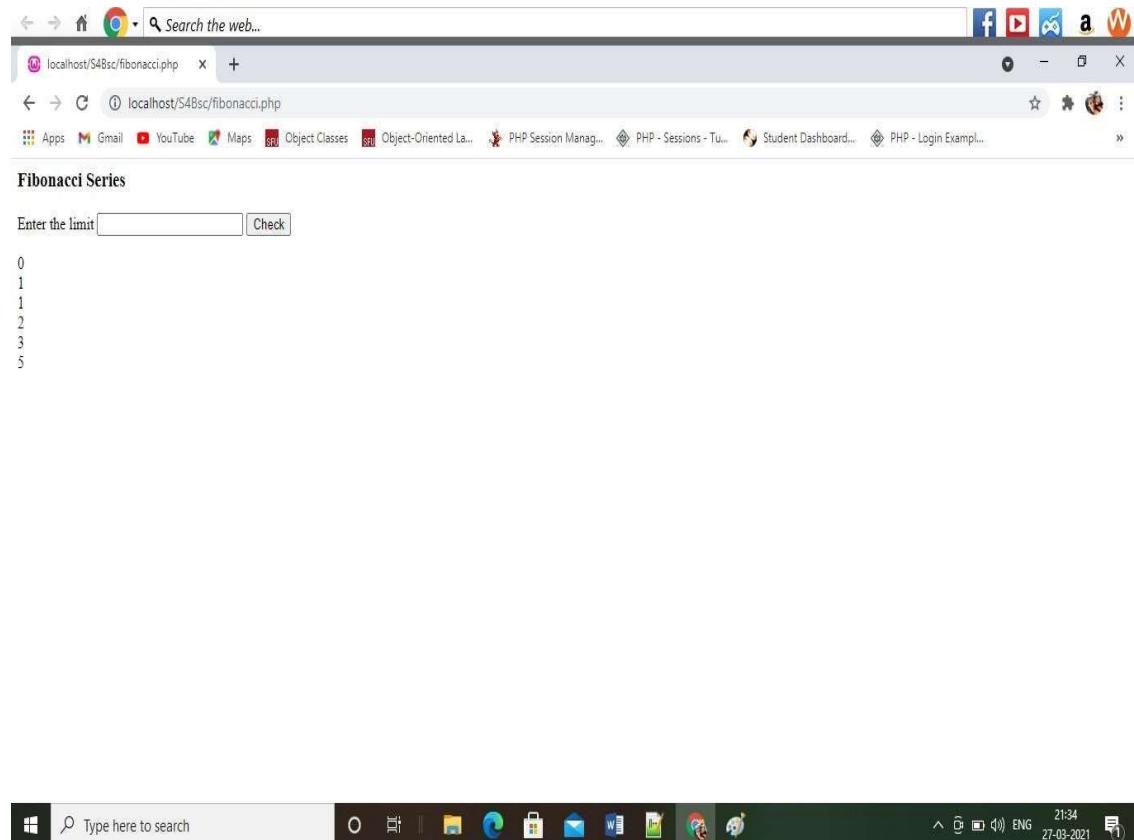
14. Write a program to print Fibonacci series using PHP.

PROGRAM

```
<html>
<head></head>
<body>
<form action="" method="POST">
<h3> Fibonacci Series</h3>Enter the limit
<input type="number" name="num">
<input type="submit" name="submit" value="Check">
</form>
<?php if(isset($_POST['submit'])) {
$n=$_POST['num'];
$i=2;
$a=0;
$b=1;
echo "$a <br> $b <br>";do
{
$c=$a+$b; echo "$c <br>";
$a=$b;
$b=$c;
$i++;
}while($i<=$n);

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

OUTPUT



RESULT

The program executed successfully and the required output obtained

15. Write a program to check whether a number is prime or not using PHP.

PROGRAM

```
<html>
<head>
</head>
<body>
<form action="" method="POST">
<h3> Prime or Not</h3>Enter the limit
<input type="number" name="num">
<input type="submit" name="submit" value="Check Prime or Not">
</form>
<?php if(isset($_POST['submit'])) {
$n=$_POST['num'];
$divcount=0; for($i=1;$i<=$n;$i++)
{
if(( $n%$i)==0)
$divcount++;

}
if($divcount==2)
echo "The number entered ($n) is prime";
else
echo "The number entered ($n) is not prime";
}
?>

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

OUTPUT

The image contains two side-by-side screenshots of a web browser window. Both screenshots show a page titled "Prime or Not".
The top screenshot shows the input field containing "6" and the message "The number entered (6) is not prime".
The bottom screenshot shows the input field containing "11" and the message "The number entered (11) is prime".

RESULT

The program executed successfully and the required output obtained

16. Write a program to N elements and print its sum using indexed array using PHP.

PROGRAM

```
<html>
<head>
</head>
<body>
<form action="" method="POST">
<h3> Sum of Elements of an Array</h3>Enter the Element1
<input type="number" name="num1"><br>Enter the Element2
<input type="number" name="num2"><br>Enter the Element3
<input type="number" name="num3"><br>Enter the Element4
<input type="number" name="num4"><br>Enter the Element5
<input type="number" name="num5"><br>
<input type="submit" name="submit" value="Find Sum of Elements">
</form>
<?php if(isset($_POST['submit'])) {
$arr[0]=$_POST['num1'];
$arr[1]=$_POST['num2'];
$arr[2]=$_POST['num3'];
$arr[3]=$_POST['num4'];
$arr[4]=$_POST['num5'];
$s=0; for($i=0;$i<5;$i++)
$s=$s+$arr[$i];
echo "The sum of digits = $s";
}
?>
</body>
</form>
```

OUTPUT

The screenshot shows a Google Chrome browser window with the URL `localhost/S4Bsc/arraysum.php`. The page title is "Sum of Elements of an Array". It contains five input fields labeled "Enter the Element1" through "Element5" and a button labeled "Find Sum of Elements". Below the form, the text "The sum of digits = 15" is displayed. The browser's address bar shows the same URL. The top of the screen includes standard browser controls (back, forward, search) and social sharing icons (Facebook, YouTube, etc.). The taskbar at the bottom shows various pinned applications like Gmail, YouTube, Maps, and File Explorer.

RESULT

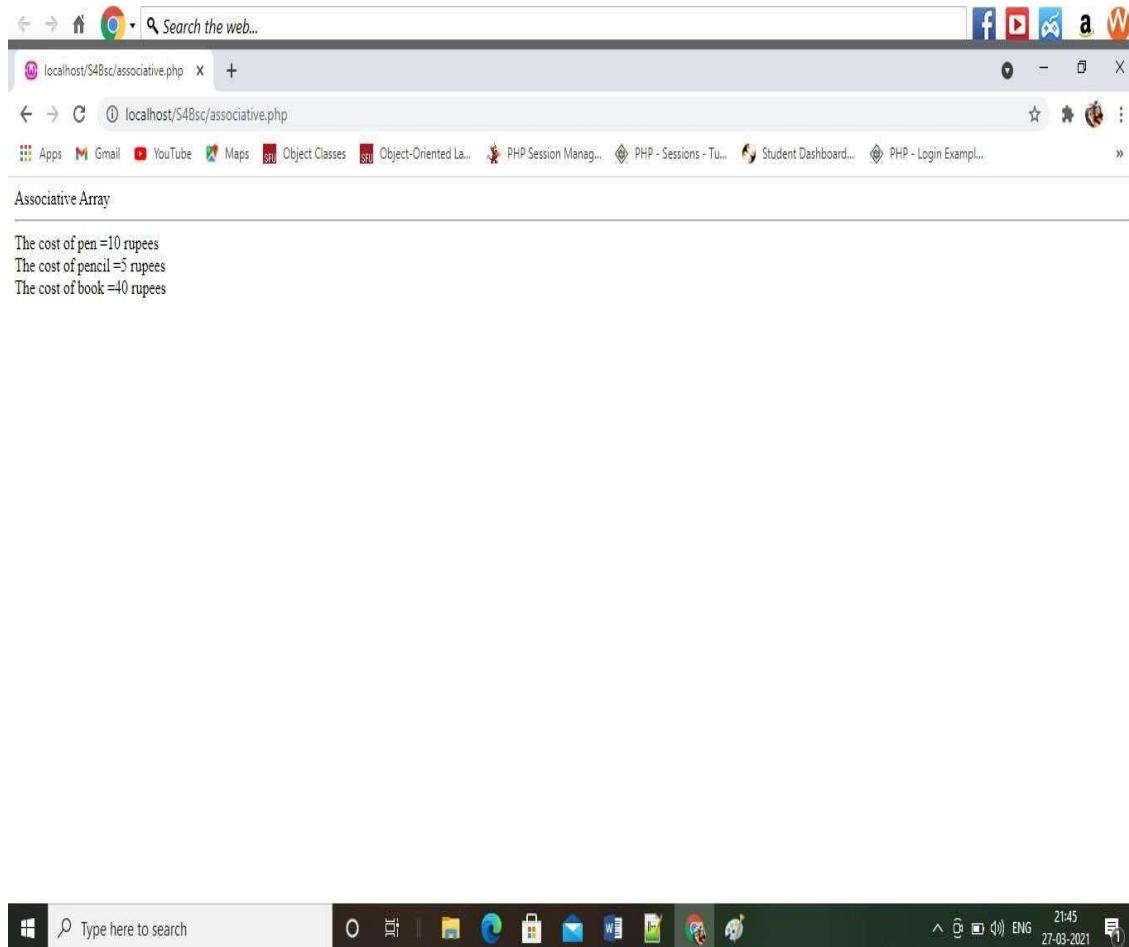
The program executed successfully and the required output obtained

17. Write a program to demonstrate associative array using PHP.

PROGRAM

```
<?php  
$cost=array("pen">"10","pencil">"5","book">"40"); echo "Associative Array<br><hr>";  
echo "The cost of pen = $cost[pen] rupees<br>"; echo "The cost of pencil = $cost[pencil] rupees<br>";echo "The  
cost of book = $cost[book] rupees<br>";  
?>
```

OUTPUT



RESULT

The program executed successfully and the required output obtained

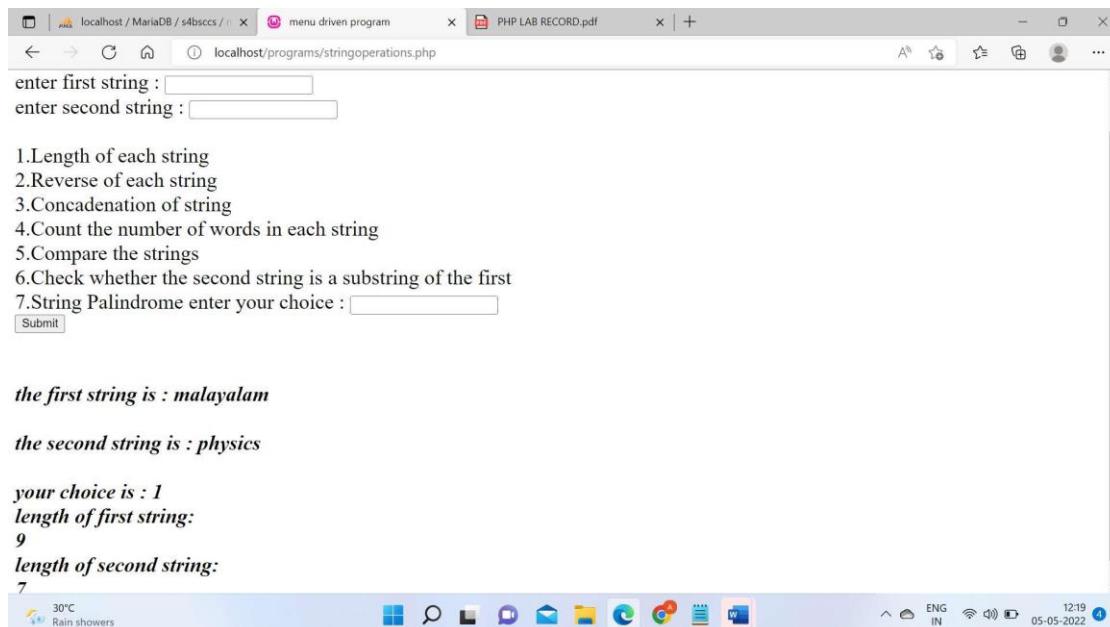
18. Write a menu-driven program to perform string operations using PHP.

PROGRAM

```
<html>
<head>
<title>menu driven program</title>
</head>
<body>
<h1>String Menu driven program</h1>
<font size="5">
<form method="POST"> enter first string :
<input type="text" name="s1" /><br> enter second string :
<input type="text" name="s2" /><br>
<br>1.Length of each string<br>
2.Reverse of each string<br>
3.Concatenation of string<br>
4.Count the number of words in each string<br>
5.Compare the strings<br>
6.Check whether the second string is a substring of the first<br>
7.String Palindrome
enter your choice :
<input type="number" name="menu" /><br>
<input type="submit" name="but" /><br>
<b><i>
<br>
<?php if($_POST
{
$a=$_POST['s1'];
echo "<br>the first string is : $a"; echo "<br>";
$b=$_POST['s2'];
echo "<br>the second string is : $b"; echo "<br>";
$ch=$_POST['menu'];
echo "<br>your choice is : $ch"; echo "<br>";
switch($ch)
{
case 1:echo "length of first string:<br>"; echo strlen($a);
echo "<br>";
echo "length of second string:<br>"; echo strlen($b);
echo "<br>"; break;
case 2:
echo "Reverse of first string:<br>"; echo strrev($a);
echo "<br>";
echo "length of second string:<br>"; echo strrev($b);
echo "<br>"; break;
case 3:
echo "Concatenation of string:<br>"; echo $c=$a.' '.$b;
echo "<br>"; break;
case 4:
echo "no of words in 1st string:<br>";
echo str_word_count($a); echo "<br>";
echo "number of words second string:<br>"; echo str_word_count($b);
```

```
echo "<br>"; break;
case 5:echo "compare two strings:"; if(strcmp($a,$b)==0)
echo "Strings are equal<br>"; else
echo "Strings are not equal<br>"; echo "<br>";
break;
case 6:
echo "checking substring:<br>";
$s=strpos($a,$b);
$s++; if(!$s==false)
{
echo"the first string $b is present in the second string $a at $s position";
}
else
{
echo"not found the string";
}
echo "<br>";
case 7:
$rev=strrev($a);
if (strcmp($a,$rev)==0)
echo "String Entered= $a <br>The String is
Palindrome";
else
echo "String Entered= $a <br>The String is not
Palindrome";
default:"invalid choice";
}
}
?>
</i></b>
</font>
</form>
</body>
</html>
```

OUTPUT



localhost / MariaDB / s4bsccs / n x menu driven program x | + localhost/programs/stringoperations.php x | + PHP LAB RECORD.pdf x | +

enter first string :

enter second string :

1.Length of each string
2.Reverse of each string
3.Concadonation of string
4.Count the number of words in each string
5.Compare the strings
6.Check whether the second string is a substring of the first
7.String Palindrome enter your choice :

the first string is : malayalam

the second string is : physics

your choice is : 1

length of first string:

9

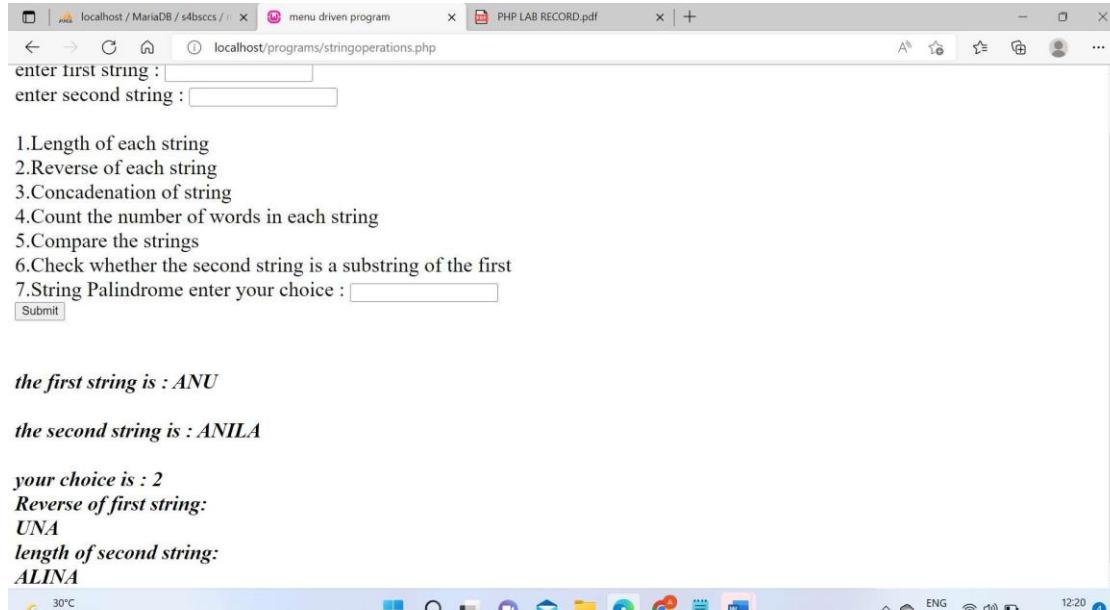
length of second string:

7

30°C Rain showers



12:19 ENG IN 05-05-2022



localhost / MariaDB / s4bsccs / n x menu driven program x | + localhost/programs/stringoperations.php x | + PHP LAB RECORD.pdf x | +

enter first string :

enter second string :

1.Length of each string
2.Reverse of each string
3.Concadonation of string
4.Count the number of words in each string
5.Compare the strings
6.Check whether the second string is a substring of the first
7.String Palindrome enter your choice :

the first string is : ANU

the second string is : ANILA

your choice is : 2

Reverse of first string:

UNA

length of second string:

ALINA

30°C Rain showers



12:20 ENG IN 05-05-2022

localhost / MariaDB / s4bsccs / menu driven program PHP LAB RECORD.pdf

enter first string :
enter second string :

1.Length of each string
2.Reverse of each string
3.Concatenation of string
4.Count the number of words in each string
5.Compare the strings
6.Check whether the second string is a substring of the first
7.String Palindrome enter your choice :

the first string is : malayalam

the second string is : physics

your choice is : 3

Concatenation of string:

malayalam physics

30°C Rain showers localhost / MariaDB / s4bsccs / menu driven program PHP LAB RECORD.pdf

enter first string :
enter second string :

1.Length of each string
2.Reverse of each string
3.Concatenation of string
4.Count the number of words in each string
5.Compare the strings
6.Check whether the second string is a substring of the first
7.String Palindrome enter your choice :

the first string is : have a nice day

the second string is : good morning

your choice is : 4

no of words in 1st string:

4

number of words second string:

2

30°C Rain showers localhost / MariaDB / s4bsccs / menu driven program PHP LAB RECORD.pdf

localhost / MariaDB / s4bsccs / menu driven program PHP LAB RECORD.pdf

String Menu driven program

enter first string :

enter second string :

1.Length of each string
2.Reverse of each string
3.Concatenation of string
4.Count the number of words in each string
5.Compare the strings
6.Check whether the second string is a substring of the first
7.String Palindrome enter your choice :

the first string is : malayalam

the second string is : physics

your choice is : 5

compare two strings: Strings are not equal

30°C Rain showers localhost / MariaDB / s4bsccs / menu driven program PHP LAB RECORD.pdf

enter first string :

enter second string :

1.Length of each string
2.Reverse of each string
3.Concatenation of string
4.Count the number of words in each string
5.Compare the strings
6.Check whether the second string is a substring of the first
7.String Palindrome enter your choice :

the first string is : malayalam

the second string is : lam

your choice is : 6

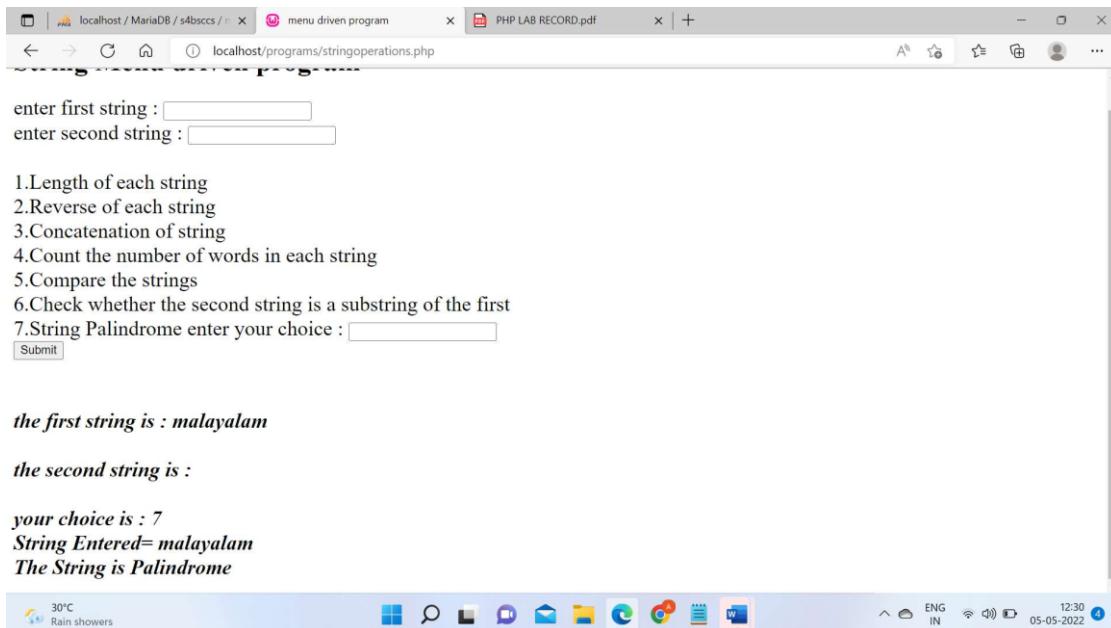
checking substring:

the first string lam is present in the second string malayalam at 7 position

String Entered= malayalam

The String is Palindrome

30°C Rain showers



RESULT

The program executed successfully and the required output obtained

19. Arithmetic operations using function

```
<html>
<body>
<center>
<form method="POST">
enter first sumber:
<input type = "Number" Name="first"/> <br> <br>
enter second sumber:
<input type = "Number" Name="second"/> <br> <br>
<input type = "submit" Name="result" value="result">
</form>
<?php
function add($x, $y)
{
$sum = $x+$y;
echo "sum = $sum <br><br>";
}

function sub($x, $y)
{
$sub = $x - $y;
echo " diff = $sub <br><br>";
}
if($_POST)
{
add ($_POST ['first'], $_POST['second']);
sub ($_POST ['first'], $_POST['second']);
}
?>
</center>
</body>
</html>
```

Output

← → C localhost/ameen/function.php

enter first sumber:

enter second sumber:

sum = 13

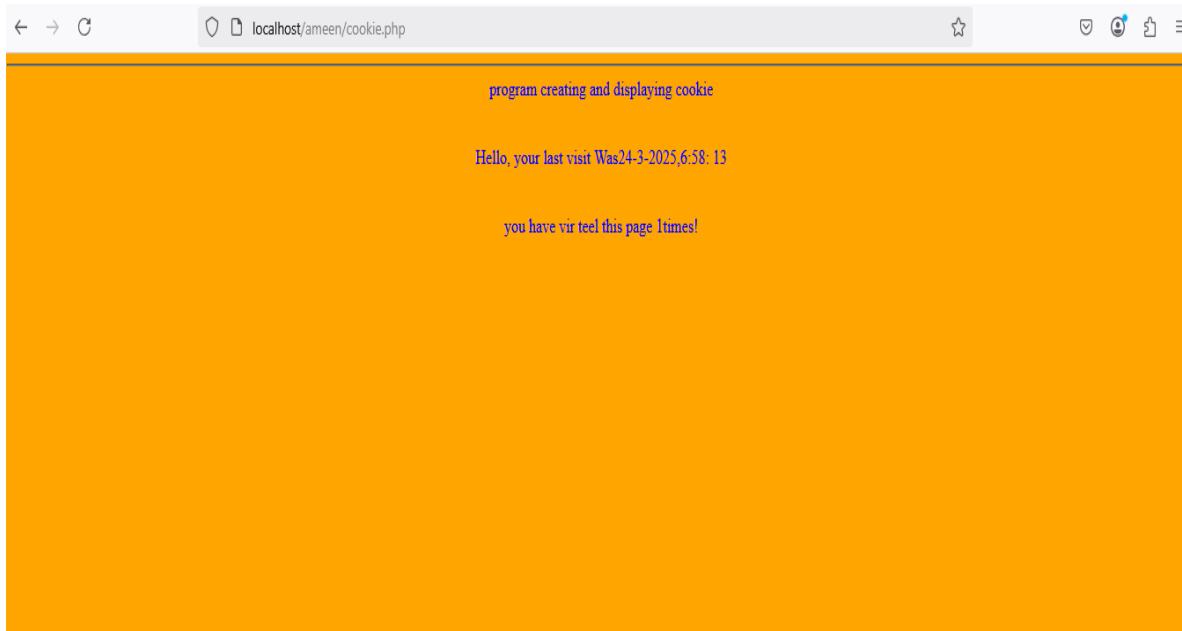
diff = 3

20 . Implement cookie management

```
<Html>
<head> </head>
<body bgcolor= orange>
<hr>
<?php
if (isset ($_cookie ['Date']))
{
$cookieclate = $_cookie['date'];
}
if (isset($_cookie['Visitcount']))
$Visitcount = $_cookie ['Visitcount'];

else {
$Visitcount = 0;
}
$Visitcount++;
$todayh = getdate();
$d = $todayh ['mday'];
$m = $todayh ['mon'];
$y=$todayh ['year'];
$hr = $todayh ['hours'];
$mi = $todayh ['minutes'];
$se = $todayh ['seconds'];
$datestring = "$d-$m-$y,$hr:$mi: $se";
setcookie ("Dates", $datestring);
setcookie ("visitcount", $Visitcount);
echo "<h1> <font color = blue> <center> program creating and displaying cookie </h1> </center>";
echo "<br>";
echo "<br><center> Hello, your last visit Was".$datestring." </center>";
echo "<br>";
echo "<br> <center> you have vir teel this page ".$Visitcount."times! </center> </body> </html>";
print "<br>";
?>
</body>
</html>
```

Output



LAB CYCLE-4 PHP-MySQL PROGRAMS

21. Develop a PHP application for the book database which contains bookid, author, title and price. Perform insert, delete, edit and search operation. Provide facilities to find the specific records by searching author names and book names and produce report accordingly.

PROGRAM

home.php

```
<html>
<body>
<center><font size="10" color="red">Book Application</font></center>
<font size="5">
<a href="add.php">ADD Book Details Here</a><br>
<a href="delete.php">Delete Book Information</a><br>
<a href="update.php">update Here</a><br>
<a href="display.php"> Book Information</a><br>
<a href="search.php">Search Book</a><br>
</font>
</body>
</html>
```

connection.php

```
<!DOCTYPE html>
<html>
<body>
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "S4BCA";
// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
else
echo "Connection established";
?>
</body>
</html>
```

add.php

```

<html>
<title>Insertion</title>
<body>
<form action="add.php" name="form1" method="POST">
Book id <input type="text" name="id"/><br>
Author Name <input type="text" name="author"/><br>
Book Title<input type="text" name="title"/><br>
Book Price<input type="text" name="price"/><br>
<input type="submit" name="submit" value="submit"/><br>
</form>
<?php
if($_POST)
{
$bookid=$_POST["id"];
$author1=$_POST["author"];
$title1=$_POST["title"];
$price1=$_POST["price"];
include("connection.php");
//sql = "INSERT INTO
Book(book_id,author_name,book_title,book_price)VALUES('$bookid','$author1','$title1')";
$sql="INSERT INTO `book` (`book_id`, `author_name`, `book_title`, `book_price`) VALUES ('$bookid', '$author1',
'$title1','$price1')";
if ($conn->query($sql) === TRUE) {
    echo "<br>New Book created successfully";
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}
$conn->close();
}
?>
<a href="home.php">Home</a>
</body>
</html>

```

delete.php

```

<html>
<title>deletion</title>
<body>
<form action="delete.php" name="form1" method="POST">
Enter Book id <input type="text" name="id"/><br>

<input type="submit" name="submit" value="Delete Book Details"/><br>
</form>
<?php
if($_POST)
{
$bookid=$_POST["id"];
include("connection.php");
$sql = "DELETE FROM Book where book_id=$bookid";
if ($conn->query($sql) === TRUE) {
    echo "<br>Book Details deleted successfully";
}

```

```

} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}
$conn->close();
}
?>
<a href="home.php">Home</a>
</body>
</html>

```

update.php

```

<html>
<title>Updation</title>
<body>
<form action="update.php" name="form1" method="POST">
Enter Book id <input type="text" name="id"/><br>
Enter New Author Name <input type="text" name="author"/><br>
<input type="submit" name="submit" value="Update Book Details"/><br>
</form>
<?php
if($_POST)
{
$bookid=$_POST["id"];
$author1=$_POST["author"];
include("connection.php");
$sql = "UPDATE Book SET author_name='$author1' where book_id=$bookid";
if ($conn->query($sql) === TRUE) {
    echo "<br>Author name updated successfully";
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}
$conn->close();
}
?>
<a href="home.php">Home</a>
</body>
</html>

```

display.php

```

<!DOCTYPE html>
<html>
<body>
<?php
include("connection.php");
$sql = "SELECT book_id, author_name, book_title, book_price FROM Book";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_array()) {
        echo "<br> Book id: " . $row["book_id"];
        echo " <br>- Name: " . $row["author_name"];
    }
}
?>

```

```

echo "<br>Book title". $row["book_title"] ;
echo "<br>Book Price". $row["book_price"] ;

}
} else {
    echo "0 results";
}
?></body>
</html>

```

search.php

```

<html>
<head>
<title>Search Book Details</title>
</head>
<body>
<form action="" method="POST">
<h2>Search Books Details from Database</h2>
<hr>
<br><br>Enter the Book Name<input type="text" name="title">
<br><br><input type="submit" name="submit" value="Submit">
</form>
</body>
</html>
<?php
if(isset($_POST['submit']))
{
$title=$_POST["title"];
include 'connection.php';
$query="SELECT * from book where book_title='".$title."'";
$result=mysqli_query($conn,$query);
$row = $result -> fetch_array(MYSQLI_NUM) or
die("no such book");
echo "<br>BOOK INFORMATION";
echo "<br> Book ID =" . $row[0] . "</td>";
echo "<br> Book Title =" . $row[1] . "</td>";
echo "<br> Book Author Name =" . $row[2] . "</td>";
echo "<br> Book Price =" . $row[3] . "</td>";
echo "<br><a href=". "home.php>Home Page</a>";
echo "<br><a href=". "display.php>View All Books</a>";
}
?>

```

OUTPUT



Book Application

[ADD Book Details Here](#)

[Delete Book Information](#)

[update Here](#)

[Book Information](#)

[Search Book](#)



Add Book

A screenshot of a Microsoft Edge browser window. The address bar shows 'localhost/programs/JAVASCRIPT' and the URL 'localhost/programs/add.php'. The page contains a form with four input fields: 'Book id' (value: 22), 'Author Name' (value: Gosling), 'Book Title' (value: Advanced Java), and 'Book Price' (value: 1000). Below the form is a 'submit' button and a link to 'Home'.

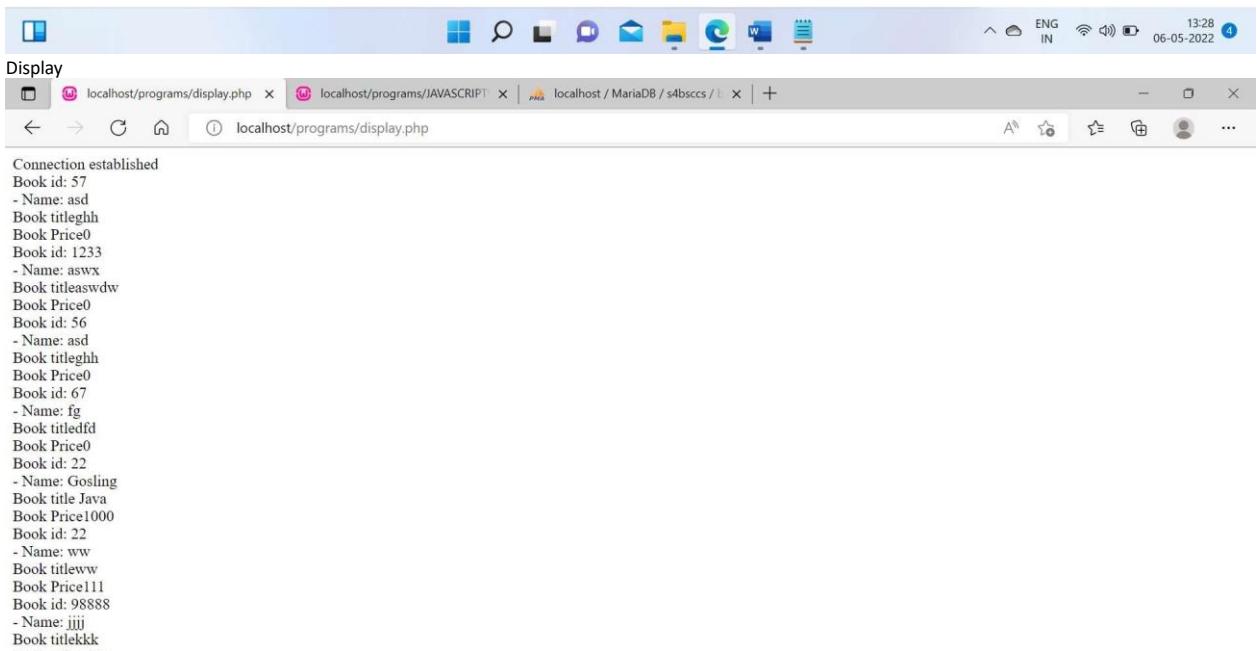
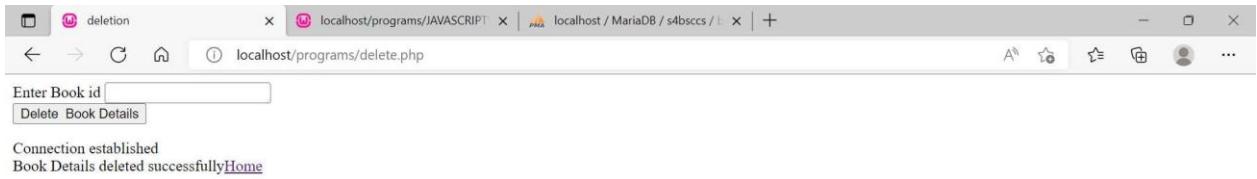
Book id 22
Author Name Gosling
Book Title Advanced Java
Book Price 1000
submit

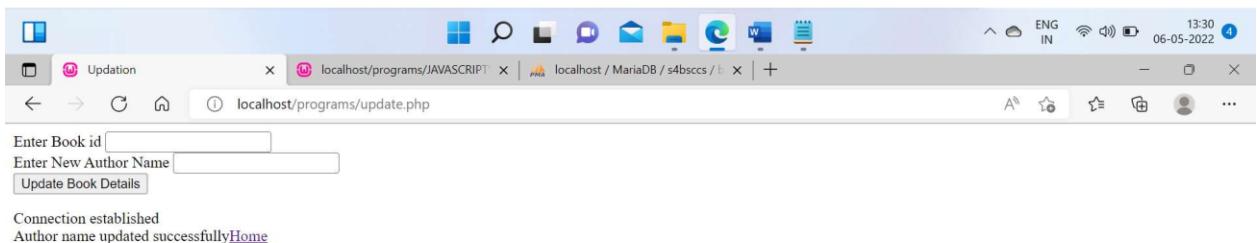
A screenshot of a Microsoft Edge browser window. The address bar shows 'localhost/programs/JAVASCRIPT' and the URL 'localhost/programs/add.php'. The page displays a success message: 'Connection established' and 'New Book created successfully'. It includes a 'Home' link and the same form fields as the previous screenshot.

Book id
Author Name
Book Title
Book Price
submit

Connection established
New Book created successfully

Delete Book

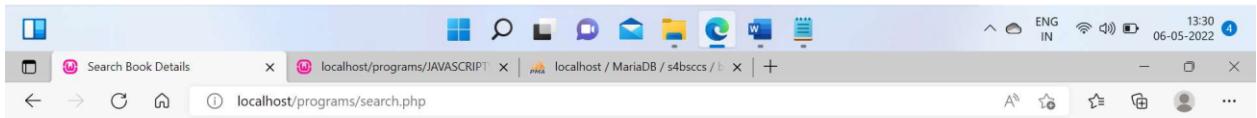






Search Books Details from Database

Enter the Book Name



Search Books Details from Database

Enter the Book Name

Connection established

BOOK INFORMATION

Book ID =67

Book Title =fg

Book Author Name =dfd

Book Price =0

[Home Page](#)

[View All Books](#)



RESULT

The program executed successfully and the required output obtained

