FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

20MCA131 WEB PROGRAMMING LAB

LABORATORY RECORD

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Branch: MASTER OF COMPUTER APPLICATIONS

Semester: 1 Batch: A Roll No: 37

University Registration Number: FIT21MCA-2037

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FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

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FOCUS ON EXCELLENCE

CERTIFICATE

This is to certify that this is a Bonafide record of the Practical work done by ***ARAVIND S DAS (FIT21MCA-2037)*** *in the* ***20MCA131 WEB PROGRAMMING LAB*** *Laboratory towards the partial fulfilment for the award of the Master Of Computer Applications during the academic year 2021-2022.*

Signature of Staff in Charge

Name:

Signature of H O D

Name:

Date of University practical examination ……

Signature of
Internal Examiner

Signature of
External Examiner

CONTENT

10	**10/01/2022**	Compose Electricity bill from user input based on a given tariff using PHP.		
11	**10/01/2022**	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.		
12	**10/02/2022**	Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.		
13	**17/02/2022**	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		
14	**17/02/2022**	Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.		

EXPERIMENT 1

AIM

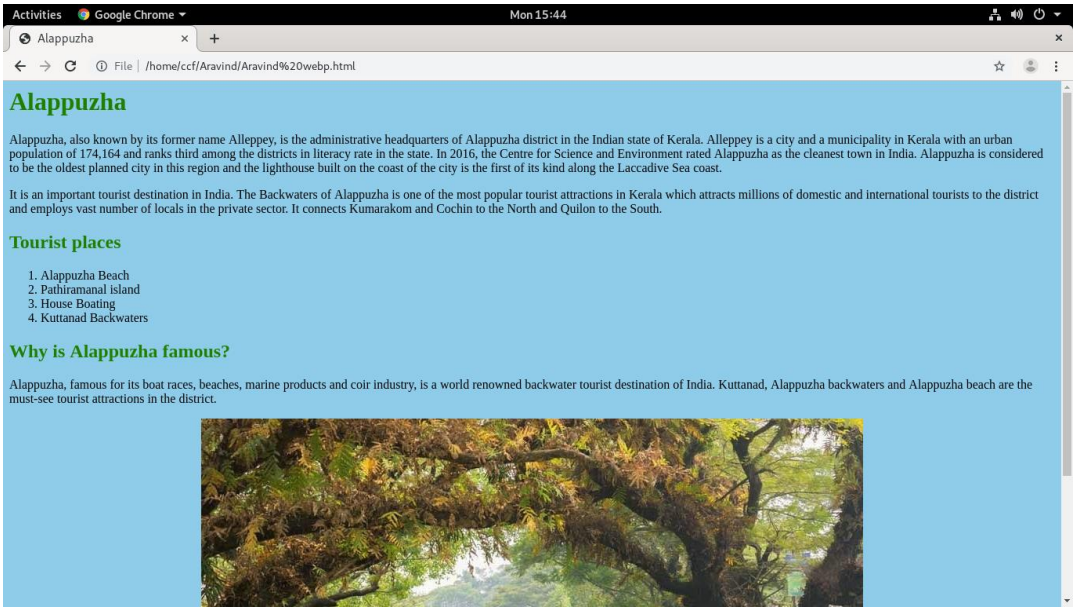
Model a simple HTML file related to your native place to demonstrate the usage of different tags.

PROGRAM CODE

```
<html>
<head>
<title>
Alappuzha
</title>
</head>
<body bgcolor="skyblue">

<h1 style="color:green;" font="Tahoma;">
Alappuzha
</h1>
Alappuzha, also known by its former name Alleppey, is the administrative headquarters of Alappuzha district in the Indian state of Kerala. Alleppey is a city and a municipality in Kerala with an urban population of 174,164 and ranks third among the districts in literacy rate in the state. In 2016, the Centre for Science and Environment rated Alappuzha as the cleanest town in India. Alappuzha is considered to be the oldest planned city in this region and the lighthouse built on the coast of the city is the first of its kind along the Laccadive Sea coast.
<p>
It is an important tourist destination in India. The Backwaters of Alappuzha is one of the most popular tourist attractions in Kerala which attracts millions of domestic and international tourists to the district and employs vast number of locals in the private sector. It connects Kumarakom and Cochin to the North and Quilon to the South.
<p>
<h2 style="color:green">
Tourist places
```

```
</h2>
<ol>
<li>Alappuzha Beach</li>
<li>Pathiramanal island</li>
<li>House Boating</li>
<li>Kuttanad Backwaters</li>
</ol>
<h2 style="color:green">Why is Alappuzha famous?</h2>
<p>
Alappuzha, famous for its boat races, beaches, marine products and coir industry, is a world renowned backwater tourist destination of India. Kuttanad, Alappuzha backwaters and Alappuzha beach are the must-see tourist attractions in the district.
</p>
<center>
<image src= "/home/ccf/Aravind/image.jpg">
</center>
</body>
</html>
```

OUTPUT



EXPERIMENT 2

AIM

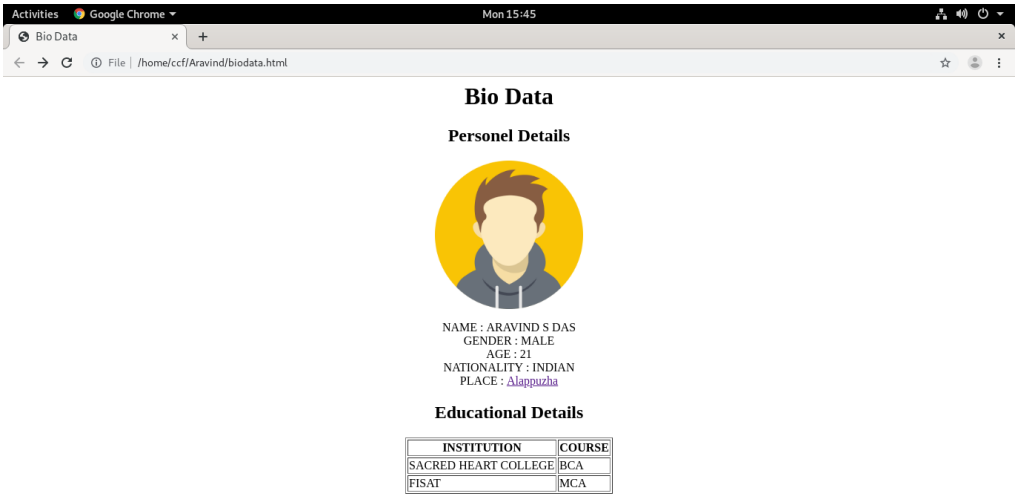
Create your biodata which contain multiple pages (include images , tables, and also link within a page).

PROGRAM CODE

```
<html>
<head><title>
Bio Data
</title></head>
<body align="center">
<h1>Bio Data</h1>
<h2>Personel Details</h2>
<image src= "/home/ccf/Aravind/img.jpg"width="200px"
height="200px">
<p align="center">
NAME : ARAVIND S DAS<br>
GENDER : MALE<br>
AGE : 21<br>
NATIONALITY : INDIAN<br>
PLACE : <a href =
"file:///home/ccf/Aravind/Aravind%20webp.html">Alappuzha</a>
<p>
<h2>Educational Details</h2>
<table border= "1" align="center">
  <tr>
    <th> INSTITUTION </th>
    <th> COURSE </th>
  </tr>
  <tr>
    <td> SACRED HEART COLLEGE </td>
    <td> BCA </td>
  </tr>
  <tr>
    <td> FISAT </td>
    <td> MCA </td>
```

```
  </tr>
</table>

</body>
</html>
```

OUTPUT



EXPERIMENT 3

AIM

Create an application form for MCA course in FISAT.

PROGRAM CODE

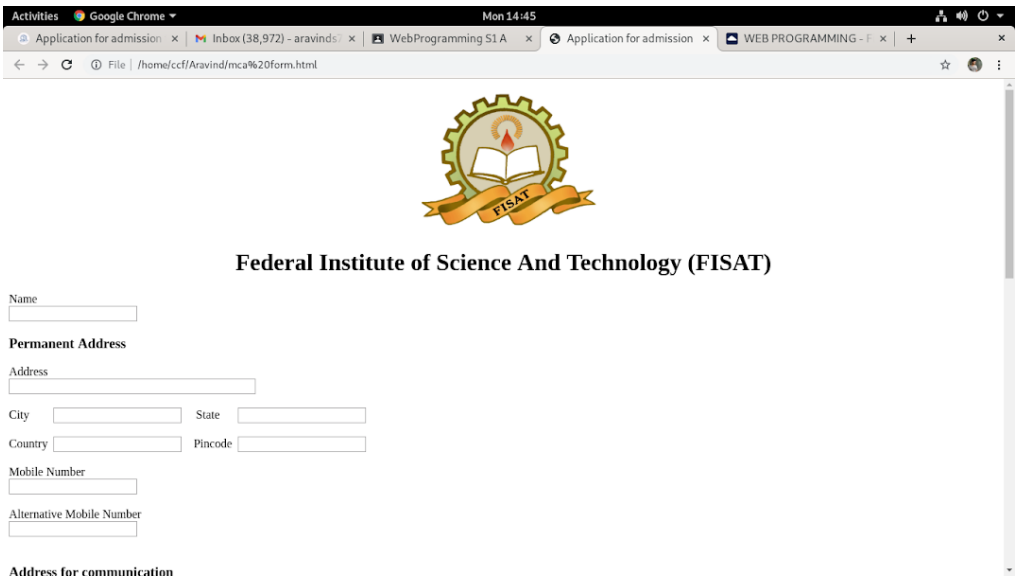
```
<html>
<head>
<title>form</title>
</head>
<body bgcolor="linen" align="center" font color="Black">
<h2><font color="sky blue">FISAT MCA
APPLICATION  FORM</font></h2>
<form>
<table align="center">
<tr>
<td>Name</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Address1</td>
<td><textarea></textarea></td>
</tr>
<tr>
<td>Address2</td>
<td><textarea></textarea></td> </tr>
<tr>
<td>City</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>State</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Pincode</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Phone number</td>
<td><input type="textfield"></td> </tr>
<tr>
```

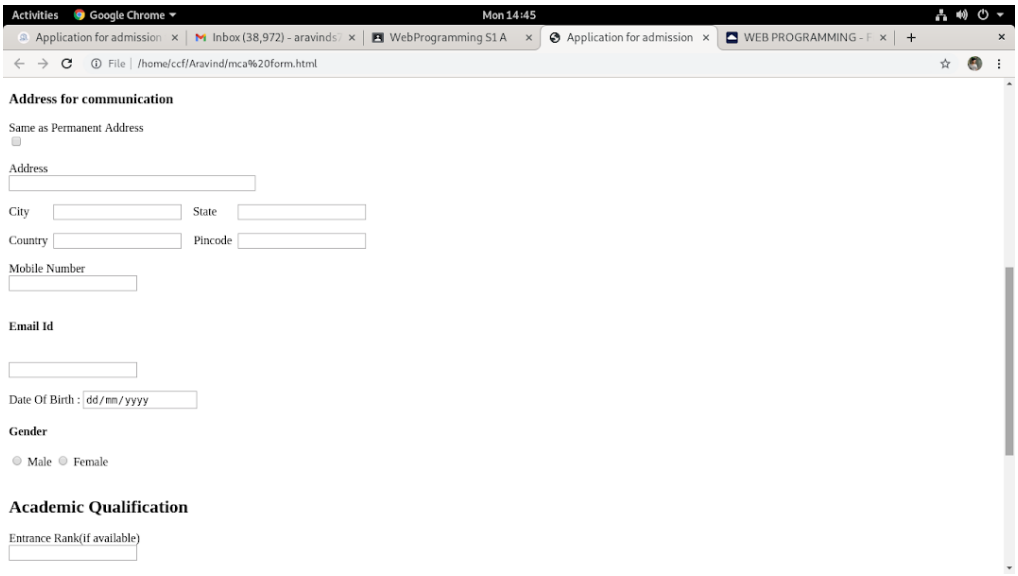
```
<td>Alternative Phone number</td> <td><input
type="textfield"></td> </tr>
<tr>
<td>Date of birth</td>
<td><input type="date"></td> </tr>
<tr>
<td>Photo</td>
<td><input type="file"></td> </tr>
<tr>
<td>Email</td>
<td><input type="email"></td> </tr>
<tr>
<td>Nationality</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Sex</td>
<td><input type="radio" name="sex"
value="Male"><label  for="Male">Male</label></input><input
type="radio" name="sex"  value="Female"><label
for="Female">Female</label></input><input  type="radio"
name="sex" value="Other"><label
for="Other">Other</label></input></td>
</tr>
<tr>
<td>Religion</td>
<td><select>
<option>Hindu
<option selected>Christian
<option>Muslim
<option>Other
</select></td>
</tr>
<tr>
<td>Community</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td><font color="green">Father's details</font>
</tr>
<tr>
```

```
<td>Name</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Occupation</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Employed</td>
<td><input type="checkbox"></td> </tr>
<tr>
<td>Designation</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Official Address</td>
<td><textarea></textarea></td> </tr>
<tr>
<td>Phone number</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td><font color="green">Academic Qualification</font> </tr>
<tr>
<td>Entrance Rank</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>10th %</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>+2 %</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Graduation Course taken/completed</td>
<td><input type="radio" name="Degree"
value="Bsc"><label  for="Bsc">Bsc</label></input><input
type="radio" name="Degree"  value="BCA"><label
for="BCA">BCA</label></input><input  type="radio"
name="Degree"
```

```
value="Degree"><label  for="Bcom">Bcom</label></input><inpu
t type="radio"  name="Degree" value="Other"><label
for="Other">Other</label></input></td>
</tr>
<tr>
<td></td>
<td><input type="Submit"><input type="Reset"></td> </tr>
</table>
</form>
</body>
</html>
```

OUTPUT




Activities
Google Chrome
Mon 14:45
Application for admission
Inbox (38,972) - aravinds
WebProgramming S1 A
Application for admission
WEB PROGRAMMING - F
File | /home/ccf/Aravind/mca%20form.html
Address for communication
Same as Permanent Address
Address
City
State
Country
Pincode
Mobile Number
Email Id
Date Of Birth : dd/mm/yyyy
Gender
Male
Female
Academic Qualification
Entrance Rank(if available)

EXPERIMENT 4

AIM

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

PROGRAM CODE

```
<html>
<head>
<title>float</title>
</head>
<body bgcolor="grey">
<a
href="file:///home/stud/Aravind/prg4a.html">floatingframe</a><br
>
<a
href="file:///home/stud/Aravind/prg4b.html">navigationframe</a>
<br>
<a
href="file:///home/stud/Aravind/prg4c.html">mixedframe</a><br>
</body>
</html>
FLOATING FRAME CODE
<html>
<head>
<title>floatingframe</title></head>
<body>
hello<br>
<p>this page contains floatingframes </p>
<iframe src="file:///home/stud/Aravind/prg1b.html" width="500"
hieght="500"></iframe>
</html>
NAVIGATION FRAME CODE
<html>
<frameset cols="25%,*" scrolling="no" noresize>
<frame name="frame1" src="12.jpg">
<frame name="frame2" src="23.jpeg">
</frameset>
</html>
```

MIXED FRAME CODE

```
<html>
<frameset cols="25%,*" scrolling="no" noresize>
<frame name="image1" src="ab.jpeg"></frame>
<frameset rows="50%,*" scrolling="no" noresize>
<frame name="image2" src="bc.jpeg"></frame>
<frame name="image3" src="cd.jpg"></frame>
</frameset>
</html>
```

OUTPUT

NAVIGATION FRAME

MIXED FRAME

EXPERIMENT 5

AIM

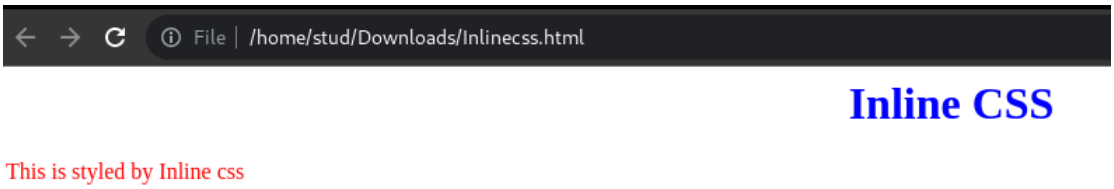
Analyze CSS by applying the different styles using inline, external and internal style sheets in a HTML file.

PROGRAM CODE

Inline CSS

```
<html>
<body>

<h1 style="color:blue;text-align:center;">Inline CSS</h1>
<p style="color:red;">This is styled by Inline css</p>

</body>
</html>
```

OUTPUT



Internal CSS

```
<html>
<head>
<style>
body {
  background-color: blue;
}

h1 {
  color: red;
  margin-left: 20px;
}
p {
  font-family: 'Times New Roman',serif;
  color: green;

}
</style>
</head>
<body>
<h1>Internal CSS<h1>
<p>this is styled by internal css</p>
</body>
</html>
```

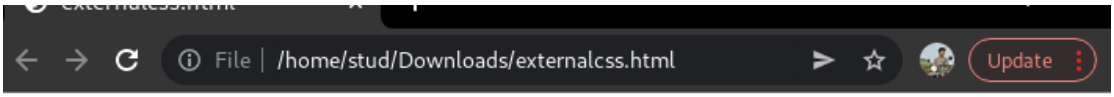
OUTPUT

EXTERNAL CSS

```
<html>
<head>
<link rel="stylesheet" href="style.css">
</head>
<body>


<h1>HTML</h1>
<p> The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser.
It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.<br>


Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages.
HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.</p>
</body>
```

```
</html>
```

OUTPUT



HTML

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.
Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

EXPERIMENT 6

AIM

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

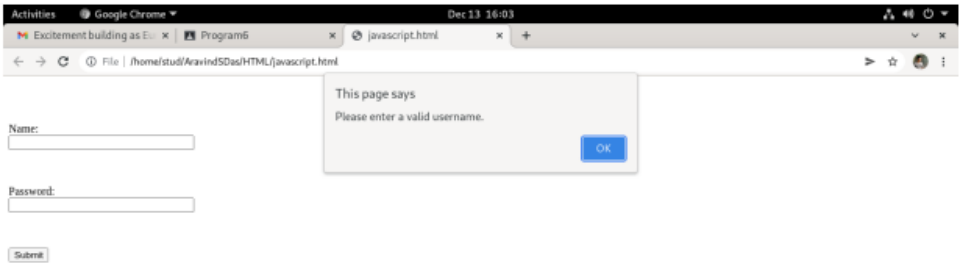
PROGRAM CODE

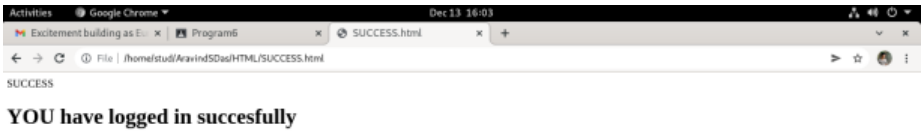
```
<html>
  <head>
    <script>
      function form() {
        var name =
          document.forms["RegForm"]["Name"];
        var password =
          document.forms["RegForm"]["Password"];
        if (name.value !== "aravind") {
          window.alert("Please enter a valid username.");
          name.focus();
          return false;
        }
        if (password.value !== "1234") {
          window.alert("invalid password");
          password.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="SUCCESS.html"
        onsubmit="return form()" method="post">
        <p>Name: <input type="text"
                    size="30" name="Name" /></p>
                                                    <br />
        <p>Password: <input type="password"
                size="65" name="Password" /></p>
        <br />
        <br />
        <br />
        <br />
```

```
        <p>Comments: <textarea cols="55"
                    name="Comment"> </textarea></p>
        <p>
          <input type="submit"
                value="Submit" name="Submit" />
        </p>
      </form>
    </body>
</html>
```

OUTPUT





EXPERIMENT 7

AIM

Create a HTML page to explain the use of various predefined functions in a string and math objects in Javascript.

PROGRAM CODE

```
<html>
<head>
<h1>STRING FUNCTIONS</h1><br><br>String is<br>
<p id="d1"></p>
</head>
<body>
<h3>
Length of string is
</h3>
<p id="demo"></p>
<h3>Slice function
</h3>
<p id="d2"></p>
<h3>Substring function
</h3>
<p id ="d3"></p>
<h3>Substr function</h3>
<p id="d4"></p>
<h3>Replace</h3>
<p id="replace">HELLO</p><br>
<button onclick="replace()">Replace</button><br>
<h3>To Uppercase</h3><br>
<p id="uc">Hello World</p>
<br>
<button onclick="ucase()">Uppercase</button>
<br>
<h3>To Lowercase</h3><br>
<p id="lc">HELLO</p>
<br>
<button onclick="lcase()">Lowercase</button>
<br>
<h3>Concat</h3>
```

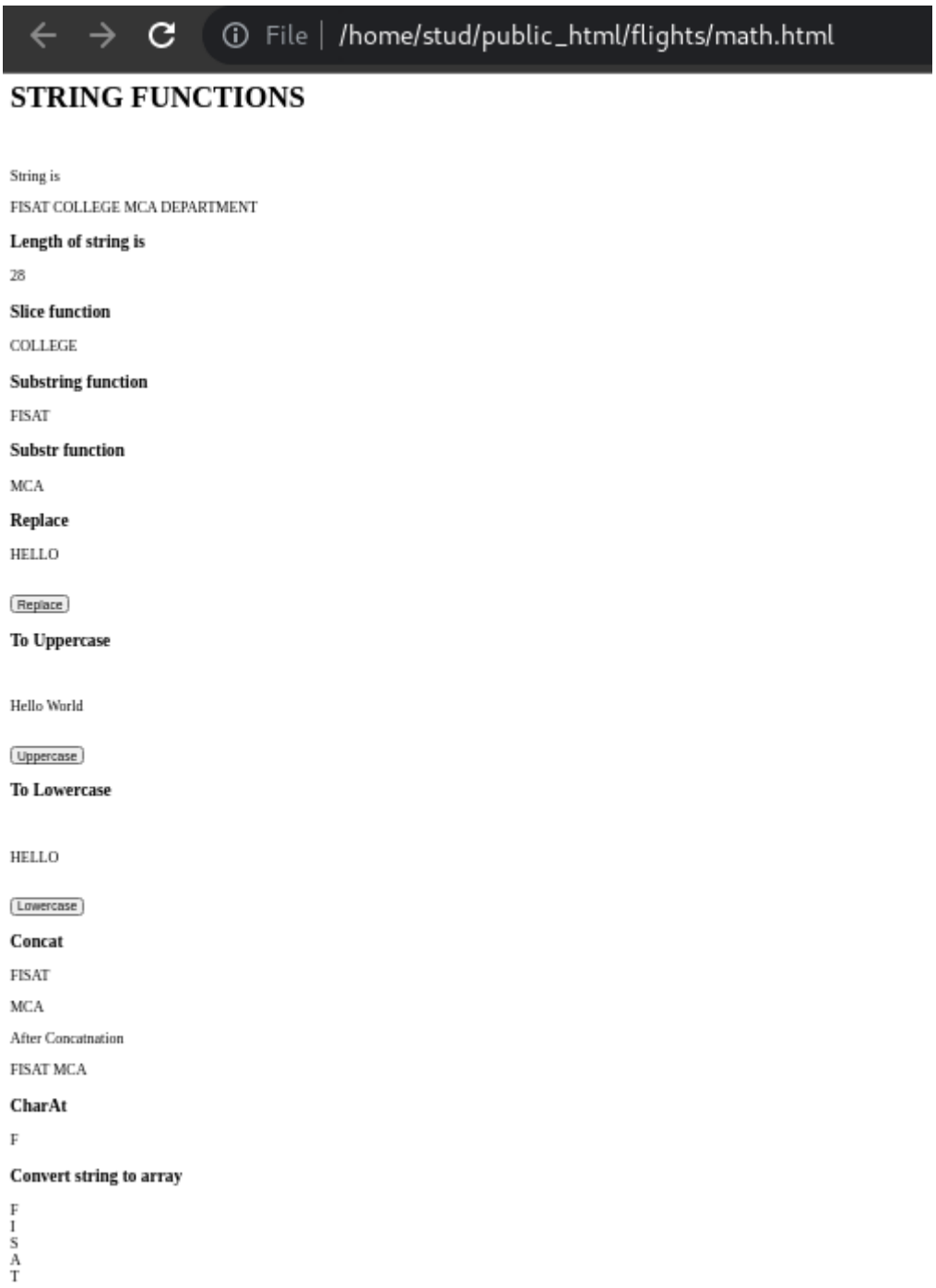
```
<p id="concat1"></p>
<p id="concat2"></p>
After Concatnation
<p id="concat"></p>

<h3>CharAt</h3>
<p id="charat" ></p>
<h3>Convert string to array</h3>
<p id="arr"></p>
<h3>IndexOf</h3>
<p id="indexof"></p>
<h3>SearchOf</h3>
<p id="search"></p>
<h3>Includes()</h3>
<p id="inc"></p>

<h1>MATH FUNCTIONS<h1>

<h3>Round Function</h3>
number = 6.5
<p id="m1"></p>
<h3>Ceil Function</h3>
number = 8.4
<p id="m2"></p>
<h3>floor Function</h3>
number = 8.4
<p id="m3"></p>
<h3>Trunc Function</h3>
number = 8.4
<p id="m4"></p>
<h3>Sign Function</h3>
number = 4
<p id="m5"></p>

<h3>Pow Function</h3>

<p id="m6"></p>
<h3>Square root Function</h3>
```

```
<p id="m7"></p>

<h3>Absolute value Function</h3>

<p id="m8"></p>
<h3>Sin Function</h3>

<p id="m9"></p>
<h3>Cos Function</h3>

<p id="m10"></p>

<h3>Min Function</h3>

<p id="m11"></p>

<h3>Max Function</h3>

<p id="m12"></p>
<h3>Random Function</h3>

<p id="m13"></p>

<h3>Log Function</h3>

<p id="log"></p>

<script>
let x ="FISAT COLLEGE MCA DEPARTMENT";
document.getElementById("d1").innerHTML = x;
document.getElementById("demo").innerHTML = x.length;
document.getElementById("d2").innerHTML = x.slice(6,13);
document.getElementById("d3").innerHTML = x.substring(0,5);
document.getElementById("d4").innerHTML = x.substr(14,3);
function replace()
{
  let text = document.getElementById("replace").innerHTML;
  document.getElementById("replace").innerHTML =
  text.replace("HELLO","BYE");
}
```

```
function ucase() {
  let text = document.getElementById("uc").innerHTML;
  document.getElementById("uc").innerHTML =
  text.toUpperCase();
}
function lcase() {
  let text = document.getElementById("lc").innerHTML;
  document.getElementById("lc").innerHTML =
  text.toLowerCase();
}

let text1 = "FISAT";
let text2 = "MCA";
let text3 = text1.concat(" ",text2);
document.getElementById("concat1").innerHTML = text1;
document.getElementById("concat2").innerHTML = text2;
document.getElementById("concat").innerHTML = text3;

document.getElementById("charat").innerHTML = x.charAt(0);

let text = "FISAT";
const myArr = text.split("");

text = "";
for (let i = 0; i < myArr.length; i++) {
  text += myArr[i] + "<br>"
}
document.getElementById("arr").innerHTML = text;


document.getElementById("indexof").innerHTML = x.indexOf("MCA");

document.getElementById("search").innerHTML = x.search("FISAT");



document.getElementById("inc").innerHTML = x.includes("MCA");


//math functions
```

```
document.getElementById("m1").innerHTML = Math.round(6.5);

document.getElementById("m2").innerHTML = Math.ceil(8.4);

document.getElementById("m3").innerHTML = Math.floor(8.4);

document.getElementById("m4").innerHTML = Math.trunc(8.4);

document.getElementById("m5").innerHTML = Math.sign(4);

document.getElementById("m6").innerHTML = Math.pow(8,2);

document.getElementById("m7").innerHTML = Math.sqrt(49);

document.getElementById("m8").innerHTML = Math.abs(-4.4);

document.getElementById("m9").innerHTML =
"The sine value of 90 degrees is " + Math.sin(90 * Math.PI / 180);

document.getElementById("m10").innerHTML =
"The cosine value of 0 degrees is " + Math.cos(0 * Math.PI / 180);

document.getElementById("m11").innerHTML =
Math.min(0, 150, 30, 20, -8, -200);

document.getElementById("m12").innerHTML =
Math.max(0, 150, 30, 20, -8, -200);

document.getElementById("m13").innerHTML = Math.random();

document.getElementById("log").innerHTML = Math.log(5);
</script>
</body>
</html>
```

OUTPUT


File | /home/stud/public_html/flights/math.html
STRING FUNCTIONS
String is
FISAT COLLEGE MCA DEPARTMENT
Length of string is
28
Slice function
COLLEGE
Substring function
FISAT
Substr function
MCA
Replace
HELLO
Replace
To Uppercase
Hello World
Uppercase
To Lowercase
HELLO
Lowercase
Concat
FISAT
MCA
After Concatnation
FISAT MCA
CharAt
F
Convert string to array
F
I
S
A
T

MATH FUNCTIONS

Round Function

number = 6.5

7

Ceil Function

number = 8.4

9

floor Function

number = 8.4

8

Trunc Function

number = 8.4

8

Sign Function

number = 4

1

Pow Function

64

Square root Function

7

Absolute value Function

4.4

Sin Function

The sine value of 90 degrees is 1

Cos Function

The cosine value of 0 degrees is 1

Min Function

-200

Max Function

150

Random Function

0.41649563668418565

Log Function

1.6094379124341003

EXPERIMENT 8

AIM

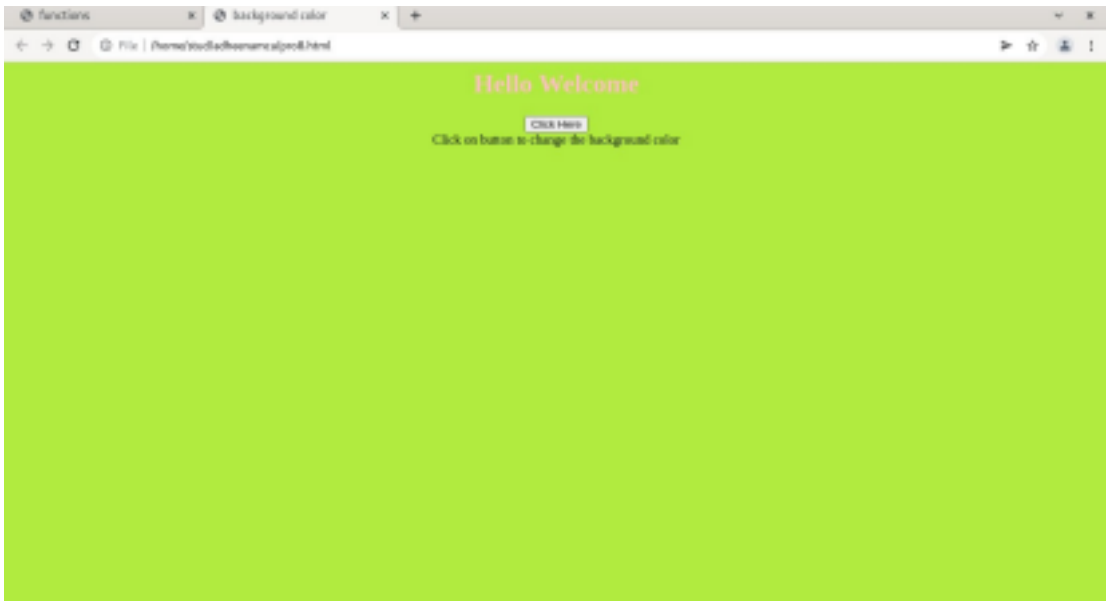
8.Create a HTML page to change the background color for every click of a button using JavaScript Event Handling

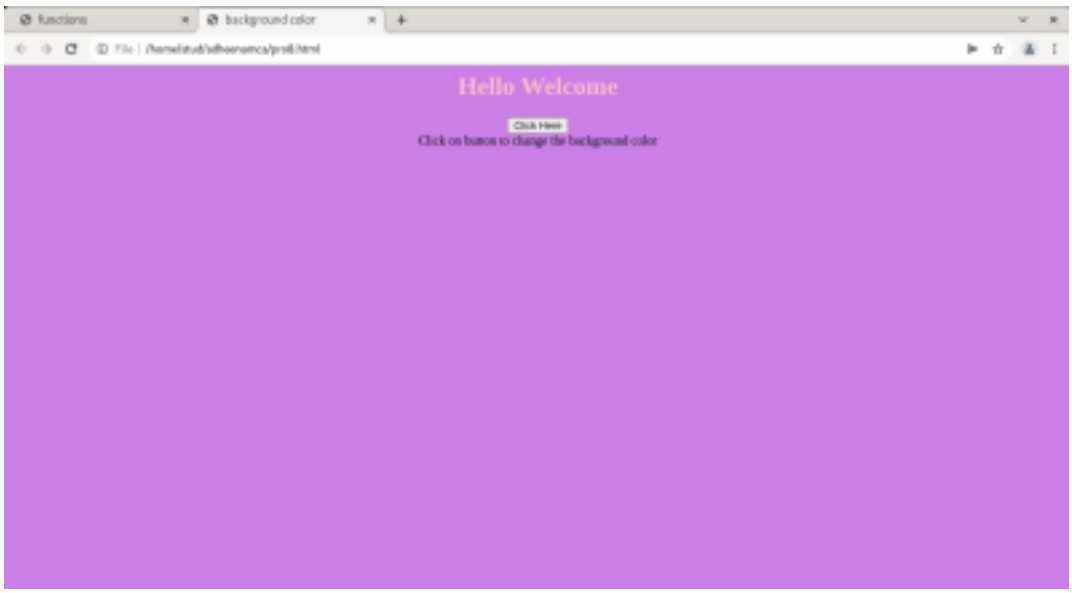
PROGRAM CODE

```
<html>
<head>
<title>
background color
</title>
</head>
<body style = "text-align:center;">
<h1 style = "color:pink;" >
 Hello Welcome
</h1>
<button type="button" id="color-button" onclick="changeBg()">Click Here </button>
<br>
<script>
document.writeln( "Click on button to change the background color");
const pageBody = document.querySelector("body");
function changeBg()
{
let color = '#'+(Math.random()*0xFFFFFF<<0).toString(16);
pageBody.style.background = color;
}
</script>
</body>
```

</html>

OUTPUT


Hello Welcome
Click Here
Click on button to change the background color


Hello Welcome
Click Here
Click on button to change the background color

EXPERIMENT 9

AIM

Generate the calendar using JavaScript code by getting the year and month from the user.

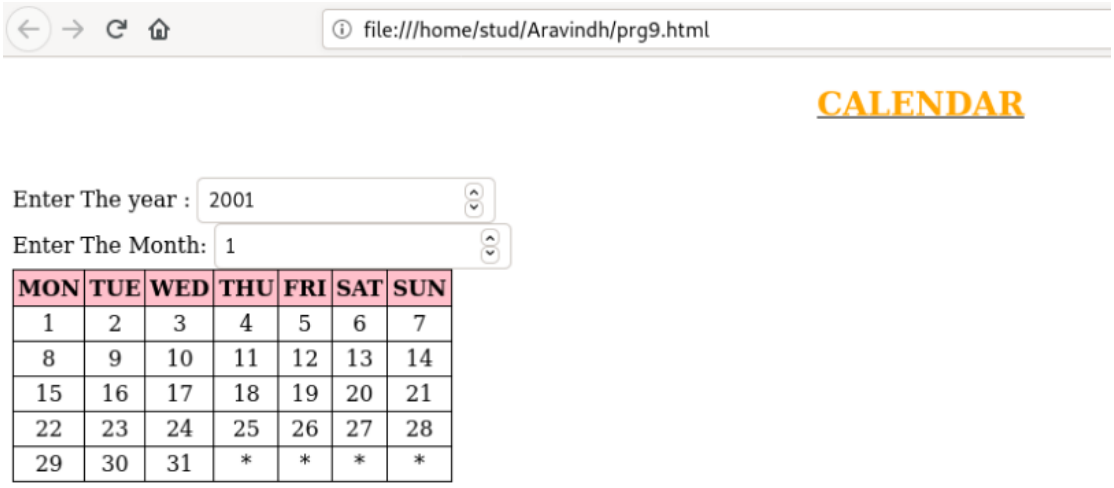
PROGRAM CODE

```
<html>
<head><title>Calendar</title>
<style>
table {
border-collapse: collapse;
}
td, th {
border: 1px solid black;
padding: 3px;
text-align: center;
}
th {
font-weight: bold;
background-color: grey;
}
</style>
</head>
<body>
<b>CALENDAR</b><br>
Enter The year : <input type="number" name="cal" id="cal" /><br>
Enter The Month: <input type="number" name="month" id="month" />
<br>
```

```
<button onclick="calculate()">Click here</button>


<div id="calendar"></div>
<script>
function calculate()  {
var year = document.getElementById("cal").value;
var month = document.getElementById("month").value;
createCalendar(year,month);
}
function getDay(date) {
let day = date.getDay();
if (day == 0) day = 7;
return day - 1;
}
function createCalendar(year, month) {
let mon = month - 1;
let d = new Date(year, mon);
let table =
'<table><tr><th>MON</th><th>TUE</th><th>WED</th><th>THU</th
><th>FRI</th><th>SAT</th><th>SUN</th></tr><tr>';
for (let i = 0; i < getDay(d); i++) {
table += '<td>*</td>';
}
while (d.getMonth() == mon) {
table += '<td>' + d.getDate() + '</td>';
if (getDay(d) % 7 == 6) {
table += '</tr><tr>';
}
```

```
d.setDate(d.getDate() + 1);
}
if (getDay(d) != 0) {
for (let i = getDay(d); i < 7; i++) {
table += '<td>*</td>';
}
}
table += '</tr></table>';
document.getElementById("calendar").innerHTML = table;
}
createCalendar(calendar, year, month);
</script>
</body>
</html>
```

OUTPUT



MON	TUE	WED	THU	FRI	SAT	SUN
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	*	*	*	*

EXPERIMENT 10

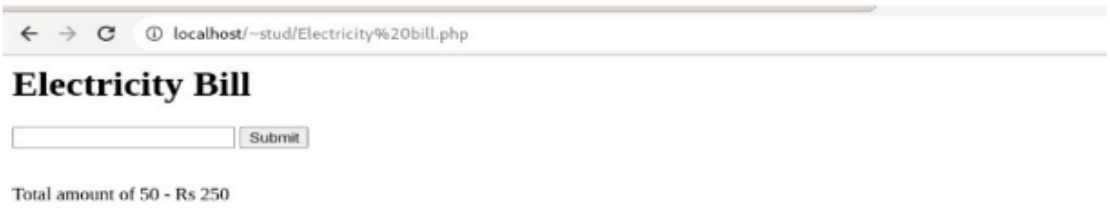
AIM

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

PROGRAM CODE

```
<head>
<title>Electricity Bill</title>
</head>
<?php
$result_str ='';
if (isset($_POST['unit-submit'])) {
$units = $_POST['units'];
if (!empty($units)) {
$result_str = 'Total amount of ' . $units . ' - Rs ' . $units*5;
}
}
?>
<body>
<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>
<?php echo '<br />' . $result_str; ?>
</body>
</html>
```

OUTPUT


localhost/~stud/Electricity%20bill.php
Electricity Bill
Submit
Total amount of 50 - Rs 250

EXPERIMENT 11

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

PROGRAM CODE

```
<?php
$student=array(“abc”,”efg”,”hij”,”klm”);
echo "Student's list";
echo "<br>";
print_r($student);
echo "<br>";
echo "Sorted student list";
echo "<br>";
asort($student);
print_r($student);
echo "<br>";
echo "Reverse of sorted student list";
echo "<br>";
arsort($student);
print_r($student);
?>
```

OUTPUT

```
Student's list
Array ( [0] => abc [1] => efg [2] => hij [3] => klm )
Sorted student list
Array ( [0] => abc [1] => efg [2] => hij [3] => klm )
Reverse of sorted student list
Array ( [3] => klm [2] => hij [1] => efg [0] => abc )
```

EXPERIMENT 12

AIM

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

PROGRAM CODE

```
<html>

<body>

<?php

$Indcricketers= array("Virat Kohli", "M S Dhoni", "Rohit Sharma");
echo "Indian Cricketers: " .  $Indcricketers[0] . ", " . $Indcricketers[1] ." and" . $Indcricketers[2] . "."; echo
"<h3>INDIAN  CRICKETERS</h3><table border='1'>

<tr>

<th>NO</th>

<th>NAMES</th>

</tr>

<tr>

<td>1</td>

<td>Virat Kohli</td>

</tr>

<tr>

<td>2</td>

<td>M S Dhoni</td>

</tr>

<tr>

<td>3</td>

<td>Rohit Sharma</td>

</tr>";
```

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

OUTPUT

Indian Cricketers: Virat Kohli, M S Dhoni andRohit Sharma.

INDIAN CRICKETERS

NO	NAMES
1	Virat Kohli
2	M S Dhoni
3	Rohit Sharma

EXPERIMENT 13

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.

PROGRAM CODE

bookinfo.html

```
<html>
<head>
<title>book</title>
</head>
<body align="center"><u>BOOK INFORMATION SYSTEM</u><br>
<a href="addbook.html">Add Book</a><br>
<a href="search.html">Search Book</a><br>
</body>
</html>
```

addbook.html

```
<html><head>
<title>add book</title></head>
<body>
<form name="frm1" action="addl.php" method="POST">
<center><b><u>Enter Book Details</u></b><br>
Access Number:<input type="text" name="num"><br>
Title:<input type="text" name="tit"><br>
Author:<input type="text" name="author"><br>
```

```
Edition:<input type="text" name="edi"><br>
Publisher:<input type="text" name="pub"><br>
<input type="submit" name="Submit">
<input type="reset" name="Reset">
</form>
</body>
</html>
```

addl.php

```
<?php
$num=$_POST['num'];
$tit=$_POST['tit'];
$author=$_POST['author'];
$edi=$_POST['edi'];
$pub=$_POST['pub'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected";
}
$sql="INSERT INTO book2
VALUES($num,'$tit','$author','$edi','$pub')";
if($con->query($sql))
{
```

```
echo "<BR>";
echo 'New row added';
}
else
{
echo "ERROR:could not execute query";
}
$con->close();
?>
```

search.html

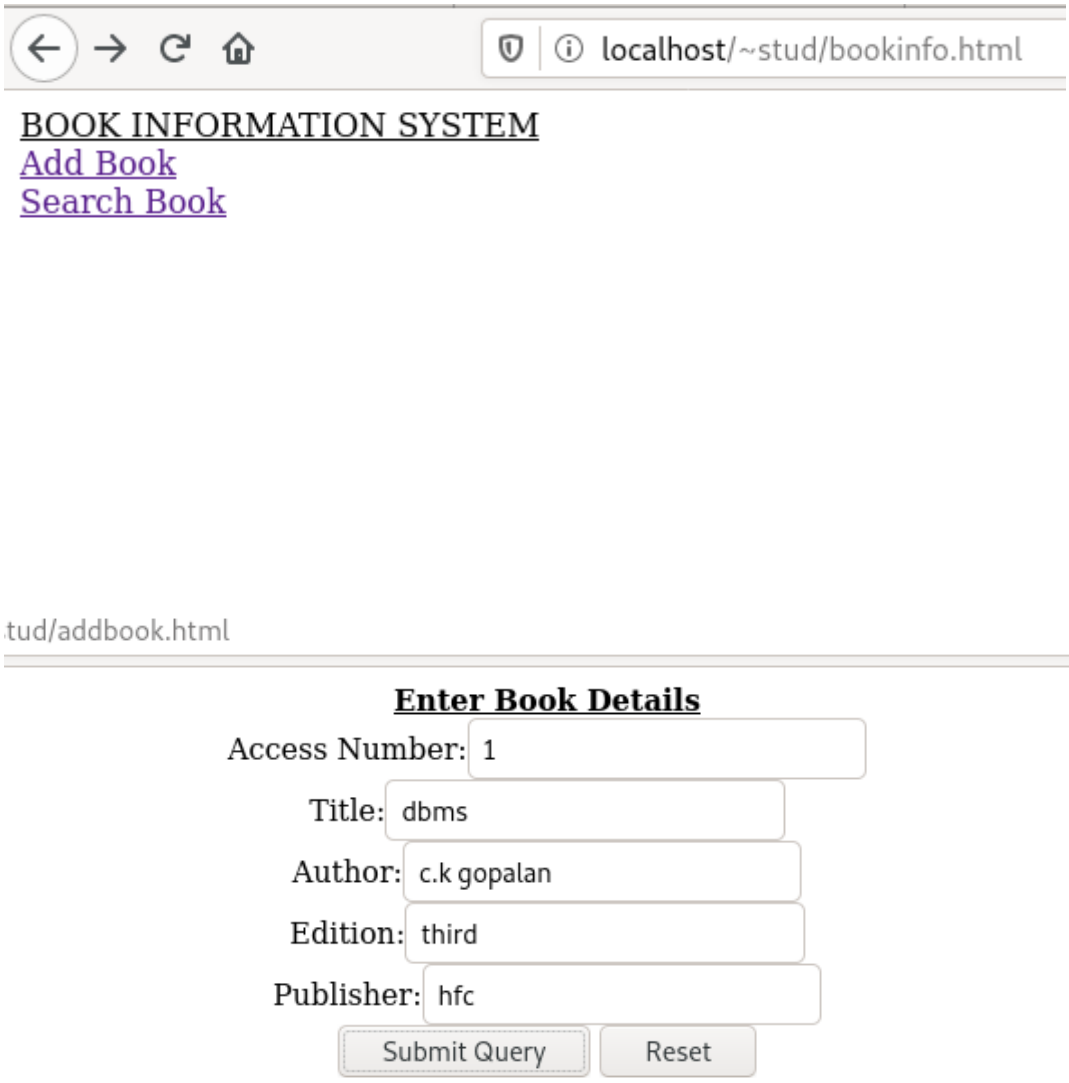
```
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="searchl.php"
method="POST">
<center>
<b><u>SEARCH A BOOK</u></b><br>
Enter book title:<input type="text" name="txt"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

searchl.php

```
<?php
$title=$_POST['txt'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected \n";
}
$sql="select * from book2 where Title='$title'";

if($result=$con->query($sql))
{
if($result->num_rows>0)
{
while($row=$result->fetch_array())
{ echo "\n".$row[0].":".$row[1].":".$row[2].":".$row[3].":".
  $row[4]."\n";}
$result->close();
}else
{ echo "\nCould not found the book"; }
}
else
```

```
{ echo "\nError:could not connect"; }
$con->close();
?>
```

OUTPUT



connected
New row added

```
stud@debian:~$ mysql -u fisat -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 59
Server version: 10.5.11-MariaDB-1 Debian 11

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use fisatdb
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [fisatdb]> create table book2(access_no int(10),title varchar(20),author varchar(20),edition varchar(20),publisher varchar(20));
Query OK, 0 rows affected (0.120 sec)

MariaDB [fisatdb]> desc book2;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| access_no | int(10)     | YES  |     | NULL    |       |
| title     | varchar(20) | YES  |     | NULL    |       |
| author    | varchar(20) | YES  |     | NULL    |       |
| edition   | varchar(20) | YES  |     | NULL    |       |
| publisher | varchar(20) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
5 rows in set (0.002 sec)
```

```
MariaDB [fisatdb]> select * from book2;
+-----------+--------+-------------+---------+-----------+
| access_no | title  | author      | edition | publisher |
+-----------+--------+-------------+---------+-----------+
|         1 | dbms   | c.k gopalan | third   | hfc       |
|         2 | java   | k.k rajeev  | second  | hww       |
|         3 | python | p.k rajeesh | fifth   | llp       |
+-----------+--------+-------------+---------+-----------+
3 rows in set (0.001 sec)

MariaDB [fisatdb]>
```

ud/search.html

SEARCH A BOOK

Enter book title: dbms

Submit Query

localhost/~stud/searchl.php

connected 1:dbms:c.k gopalan:third:hfc

EXPERIMENT 14

AIM

Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.

PROGRAM CODE

prgrm.html

```
<html>
<head>
</head>
<body><center>
<h1>Airline Details</h1>
<a href = "fli.html">Enter Flight Details</a><br>
<a href = "srch.html">Search Flights</a><br></center>
</body>
</html>
```

fli.html

```
<html>
<head>
<title>
</title>
<body bgcolor="skyblue">
        <center><h2>Enter Flight Details</h2>
        <form name="nme" action="flight.php" method="POST"><br>
        Flight number<br><input type ="number" name="fn"><br>
        Destination<br><input type ="text" name="des"><br>
        Source<br><input type ="text" name="src"><br>
        <br>
```

```
        <input type="submit"  value="    OK    ">
        <input type="reset"  value="Cancel">
        </center>
</body>
</html>
```

srch.html

```
<html>
<head>

</head>
<body><center>
<h2>Enter Flight Details</h2>
<form name="qwe" action = "srch.php" method="POST"><br>
        Destination<br><input type ="text" name="des"><br>
        Source<br><input type ="text" name="src"><br><br>
        <input type="submit"  value="    OK    ">
</center></body>
```

flight.php

```
<?php
$fn=$_POST['fn'];
$des=$_POST['des'];
$src=$_POST['src'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{ echo "Failed to connect";}
else
```

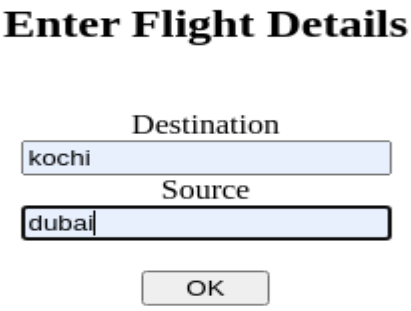
```
{echo "Connected";}
$sql= "INSERT INTO flight VALUES ('$fn','$des','$src')";
if($con->query($sql))
{
        echo"<BR>";
        echo'New Row Added';
}
else
{
        echo "ERROR:could not execute Query";
}
$con->close();
?>
```

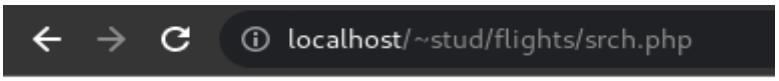
srch.php

```
<?php
$des=$_POST['des'];
$src=$_POST['src'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "Connected\n";
}
```

```
$sql="select * from flight where Destination='$des' and source='$src' ";
if($result=$con->query($sql))
{
        if($result->num_rows>0)
        {
while($row=$result->fetch_array())

{
echo"\n The flight number is :\n";
echo"\n".$row[0]."\n";}
$result->close();
}else
{ echo "\nCould not found the flight"; }
}
else
{ echo "\nError:could not connect"; }
$con->close();
?>
```

OUTPUT





Connected The flight number is : 112

Connected
New Row Added