FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

20MCA133 WEB PROGRAMMING LAB

LABORATORY RECORD

Name: APARNA K NAIR

Branch: MASTER OF COMPUTER APPLICATIONS

Semester: 1 Batch: A Roll No: 35

REGISTER NUMBER: FIT21MCA-2035

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FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

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CERTIFICATE

This is to certify that this is a Bonafide record of the Practical work done by ***APARNA K NAIR(FIT21MCA-2035)*** *in the* ***20MCA133 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 ……

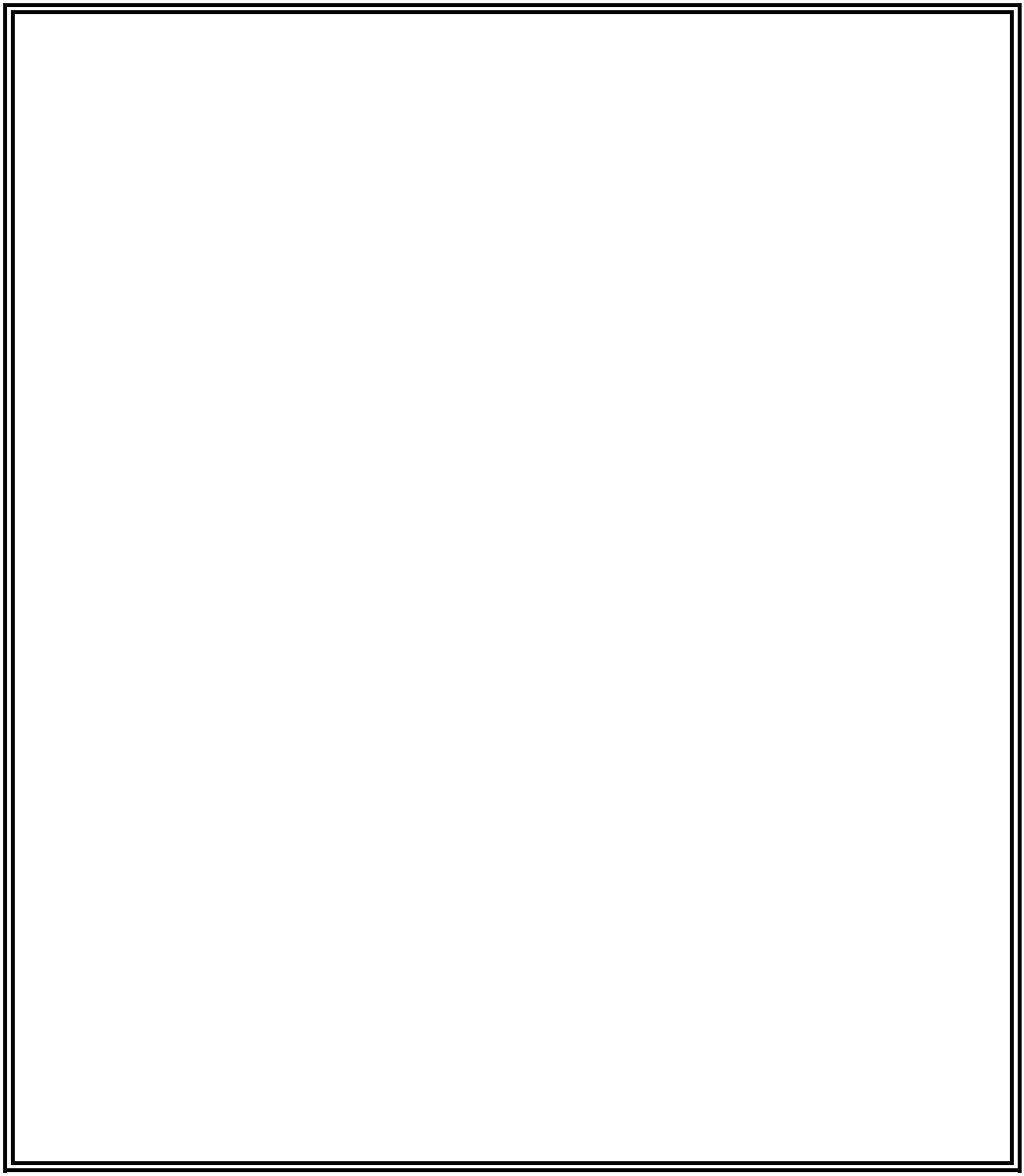
Signature of
Internal Examiner

Signature of
External Examiner

CONTENT

Sl No	Date of Experiment	Title of the Experiment	Page No:	Signature of Staff –In – Charge
1	01/11/2021	Create a simple html file to demonstrate the use of different tags.	1	
2	01/11/2021	Create your bio data by using the html tags for hyperlinks, images, table, frame and fonts. Make it attractive by using the various color elements. The design should contain a minimum of 3 hyperlinks	3	
3	08/11/2021	Create an application form for MCA course in FISAT.	6	
4	22/11/2021	Create a HTML page with different types of frames such as floating frame, navigation frame & mixed frame.	10	
5	22/11/2021	Analyze CSS by applying the different styles using inline, external & internal style sheets in a HTML file.	15	
6	13/12/2021	Create a HTML registration form and to validate the form using JavaScript code.	17	
7	03/01/2022	Create a HTML page to explain the use of various predefined functions in a string and math objects in JavaScript.	20	
8	03/01/2022	Create a HTML page to change the background color for every click of a button using JavaScript Event Handling.	28	
9	03/01/2022	Generate the calendar using JavaScript code by getting the year and month from the user.	30	

10	10/01/2022	Compose Electricity bill from user input based on a given tariff using PHP.	32	
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.	34	
12	10/01/2022	Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.	36	
13	17/01/2022	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	38	
14	17/01/2022	Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.	44	



AIM

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

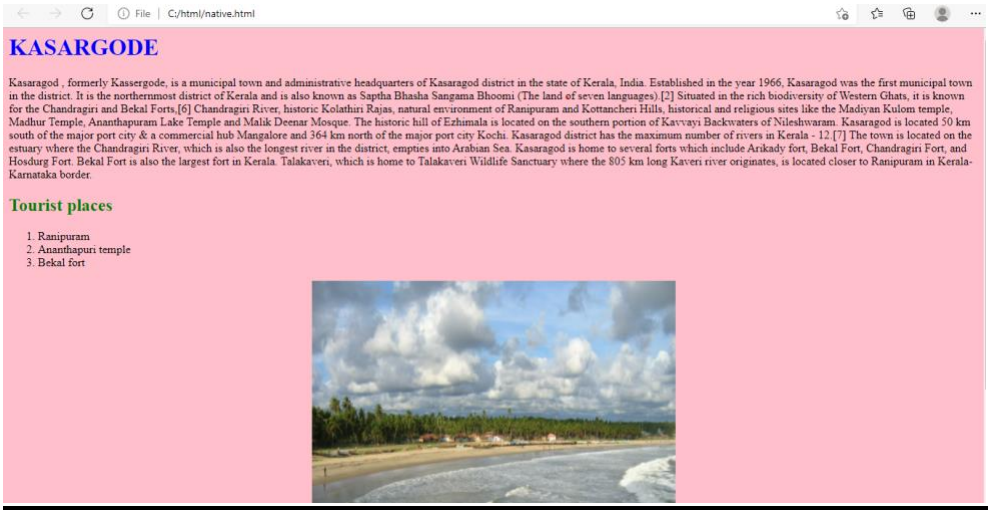
PROGRAM CODE

```
<html>
<head>
<title>
KASARGODE
</title>
</head>
<body bgcolor="pink">

<h1 style="color:blue;" font="Tahoma;">
KASARGODE
</h1>
<p>
Kasaragod , formerly Kassergode, is a municipal town and administrative headquarters of Kasaragod district in the state of Kerala, India. Established in the year 1966, Kasaragod was the first municipal town in the district. It is the northernmost district of Kerala and is also known as Saptha Bhasha Sangama Bhoomi (The land of seven languages).[2]

Situated in the rich biodiversity of Western Ghats, it is known for the Chandragiri and Bekal Forts,[6] Chandragiri River, historic Kolathiri Rajas, natural environment of Ranipuram and Kottancheri Hills, historical and religious sites like the Madiyan Kulom temple, Madhur Temple, Ananthapuram Lake Temple and Malik Deenar Mosque. The historic hill of Ezhimala is located on the southern portion of Kavvayi Backwaters of Nileshwaram.

Kasaragod is located 50 km south of the major port city & a commercial hub Mangalore and 364 km north of the major port city Kochi. Kasaragod district has the maximum number of rivers in Kerala - 12.[7] The town is located on the estuary where the Chandragiri River, which is also the longest river in the district, empties into Arabian Sea.

Kasaragod is home to several forts which include Arikady fort, Bekal Fort, Chandragiri Fort, and Hosdurg Fort. Bekal Fort is also the largest fort in Kerala. Talakaveri, which is home to
```

Talakaveri Wildlife Sanctuary where the 805 km long Kaveri river originates, is located closer to Ranipuram in Kerala-Karnataka border.

```
<p>

<h2 style="color:green">

Tourist places

</h2>

<ol>

<li>Ranipuram</li>

<li>Ananthapuri temple</li>

<li>Bekal fort</li>

</ol>

<center>

<image align="center"height="500px" width="500px" src= "kasargode.jpeg">

</center>

</body>

</html>
```

OUTPUT



AIM

2.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= "bio.png"width="200px" height="200px">
<p align="center">
NAME : APARNA K NAIR<br>
GENDER :FEMALE<br>
AGE : 21<br>
NATIONALITY : INDIAN<br>
PLACE : <a href = "native.html">Kasargode</a>
<p>
<h2>Educational Details</h2>
<table border= "1" align="center">
  <tr>
    <th> INSTITUTION </th>
    <th> COURSE </th>
  </tr>
<tr>
    <td> CHRIST </td>
    <td> 10 TH </td>
  </tr>
<tr>
    <td> MADIKKAI </td>
    <td> 12 TH </td>
  </tr>
```

```
  <tr>
    <td> PRNSS </td>
    <td> BSC </td>
  </tr>
  <tr>
    <td> FISAT </td>
    <td> MCA </td>
  </tr>
</table>

</body>
</html>
```

OUTPUT

Bio Data | Bio Data

odata.html

Bio Data

Personel Details

NAME : APARNA K NAIR
GENDER :FEMALE
AGE : 21
NATIONALITY : INDIAN
PLACE : Kasargode

Educational Details

INSTITUTION	COURSE
CHRIST	10 TH
MADIKKAI	12 TH
PRNSS	BSC
FISAT	MCA

AIM

3.Create an application form for MCA course in FISAT.

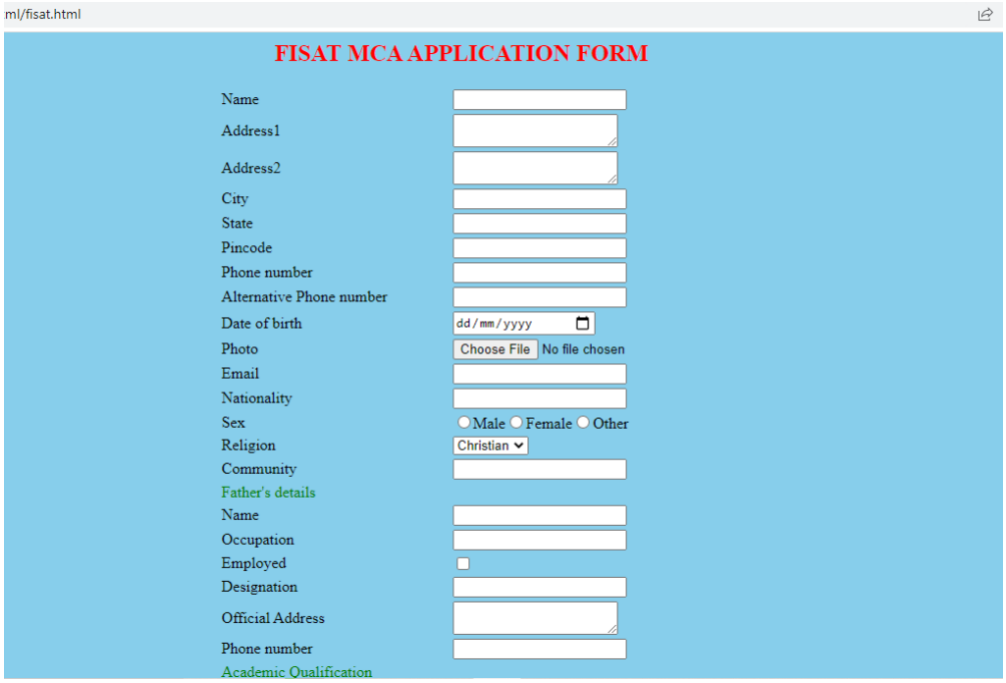
PROGRAM CODE

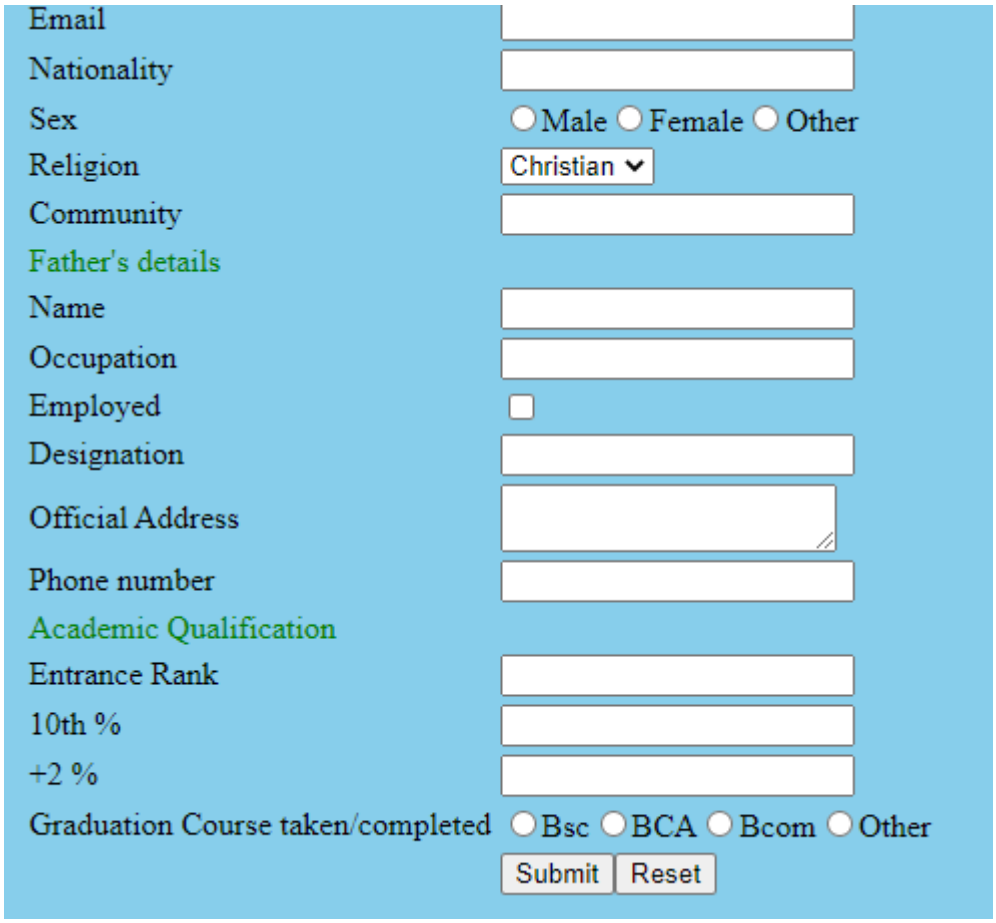
```
<html>
<head>
<title>form</title>
</head>
<body bgcolor="linen" align="center" font color="Black">
<h2><font color="sky blue">FISAT MCA APPLICATION  FORM</font></h2>
<form>
<table align="center">
<tr>
<td>Name</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Address1</td>
<td><textarea></textarea>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


ml/fisat.html
FISAT MCA APPLICATION FORM
Name
Address1
Address2
City
State
Pincode
Phone number
Alternative Phone number
Date of birth
dd/mm/yyyy
Photo
Choose File
No file chosen
Email
Nationality
Sex
Male
Female
Other
Religion
Christian
Community
Father's details
Name
Occupation
Employed
Designation
Official Address
Phone number
Academic Qualification


Email
Nationality
Sex
Male
Female
Other
Religion
Christian
Community
Father's details
Name
Occupation
Employed
Designation
Official Address
Phone number
Academic Qualification
Entrance Rank
10th %
+2 %
Graduation Course taken/completed
Bsc
BCA
Bcom
Other
Submit
Reset

AIM

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

PROGRAM CODE

FRAMES.HTML

```
<html>
<head>
<title>FRAMES1</title></head>
<frameset cols="20%,80%">
<frame name ="center" src="index.html">
<frameset rows="50,200">
<frame name ="top"src="head.html"/>
<frame name ="main"src="main.html"/>
<noframes><body>your browser does not support this
</body>
</noframes>
</frameset>
</frameset>
</html>
```

IFRAME.HTML

```
<!doctype html>
<html>
<head>
<title>ARTS</title></head>
<body>
<img align="center" height="100px" width="100px"<img src="artt.jpeg">
<img align="center" height="100px" width="100px" <img src="art.jpeg">
</body>
</html>
```

DANCE.HTML

```
<html>
<head>
<title>DANCE</title>
</head>
<body>
<center><b><h1>DANCE FORMS</h1></b></center>
<body bg color="gray"text="black"link="blue"
<font>
<p align="center"><br>
<pre>
dance, the movement of the body in a rhythmic way, usually to music and within a given space, for the purpose of expressing an idea or emotion, releasing energy, or simply taking delight in the movement itself.
Dance is a powerful impulse, but the art of dance is that impulse channeled by skillful performers into something that becomes intensely expressive and that may delight spectators who feel no wish to dance themselves. These two concepts of the art of dance—dance as a powerful impulse and dance as a skillfully choreographed art practiced largely by a professional few—are the two most important connecting ideas running through any consideration of the subject. In dance, the connection between the two concepts is stronger than in some other arts, and neither can exist without the other.</pre></br></font>
<img align="center" height="100px" width="100px" img src="dance.jpeg">
<img align="center" height="100px" width="100px" img src="dancee.jpeg">
</body>
</html>
```

SONGS.HTML

```
<html>
<head>
<title>SONGS</title></head>
<font color="black">
<h1 align ="center">songs</h1>
</font>
<br>
<h2>
<p align="centre">
```

A song is a musical composition intended to be performed by the human voice. This is often done at distinct and fixed pitches (melodies) using patterns of sound and silence. Songs contain various forms, such as those including the repetition and variation of sections.

Written words created specifically for music, or for which music is specifically created, are called lyrics. If a pre-existing poem is set to composed music in classical music it is an art song. Songs that are sung on repeated pitches without distinct contours and patterns that rise and fall are called chants. Songs composed in a simple style that are learned informally "by ear" are often referred to as folk songs. Songs that are composed for professional singers who sell their recordings or live shows to the mass market are called popular songs. These songs, which have broad appeal, are often composed by professional songwriters, composers, and lyricists. Art songs are composed by trained classical composers for concert or recital performances. Songs are performed live and recorded on audio or video (or, in some cases, a song may be performed live and simultaneously recorded). Songs may also appear in plays, musical theatre, stage shows of any form, and within operas, films, and TV shows.

</h2>
</p>
<img align="center" height="100px" width="100px" src="songs.jpeg">
</html>

INDEX.HTML

```
<html>
<head>
<title>INDEX</title>
</head>
<body>
<h1>INDEX</h1>
<li><a href="dance.html" target="main">dance</a></li>
<li><a href="songs.html" target="main">songs</a></li>
</body>
</html>
```

HEAD.HTML

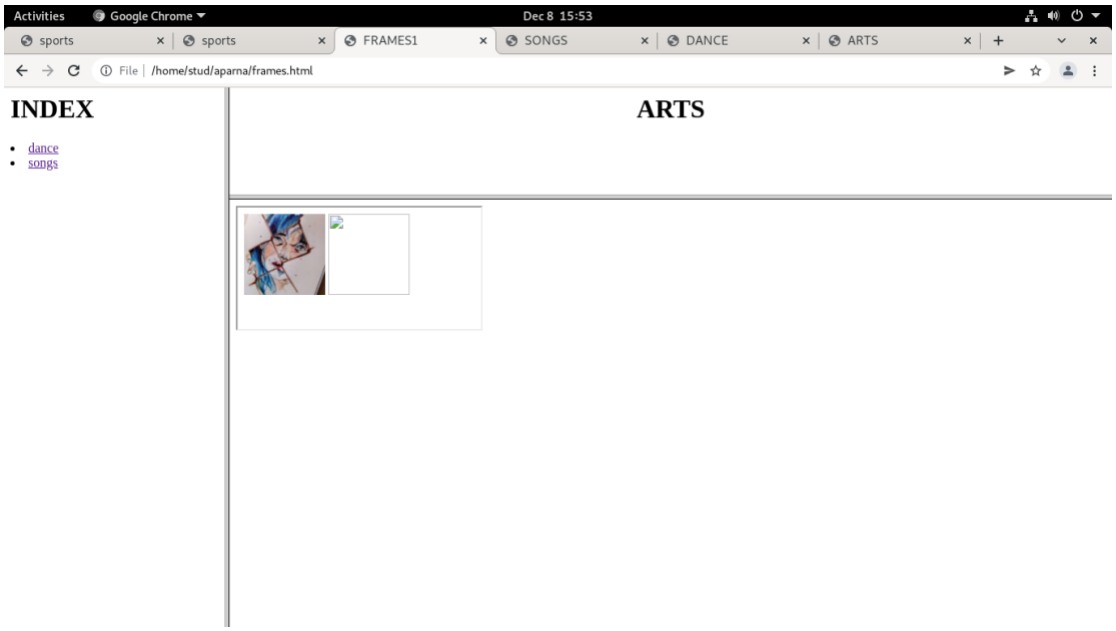
```
<html>
<head>
<title>ARTS</title></head>
<body bg color="pink" align="center">
<h1>ARTS</h1>
</body>
</html>
```

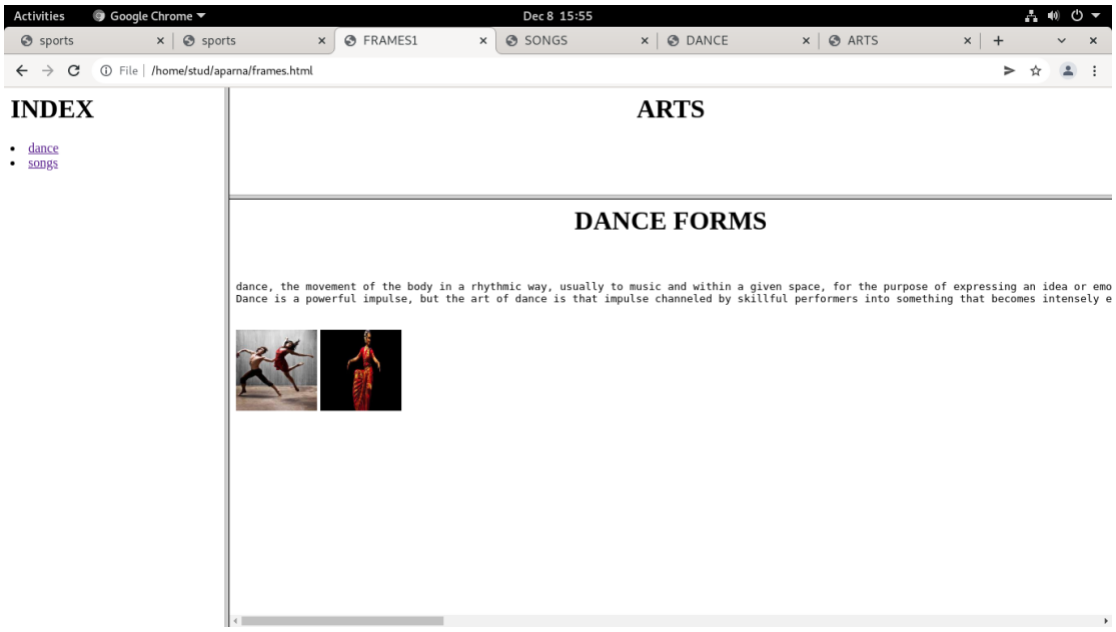
MAIN.HTML

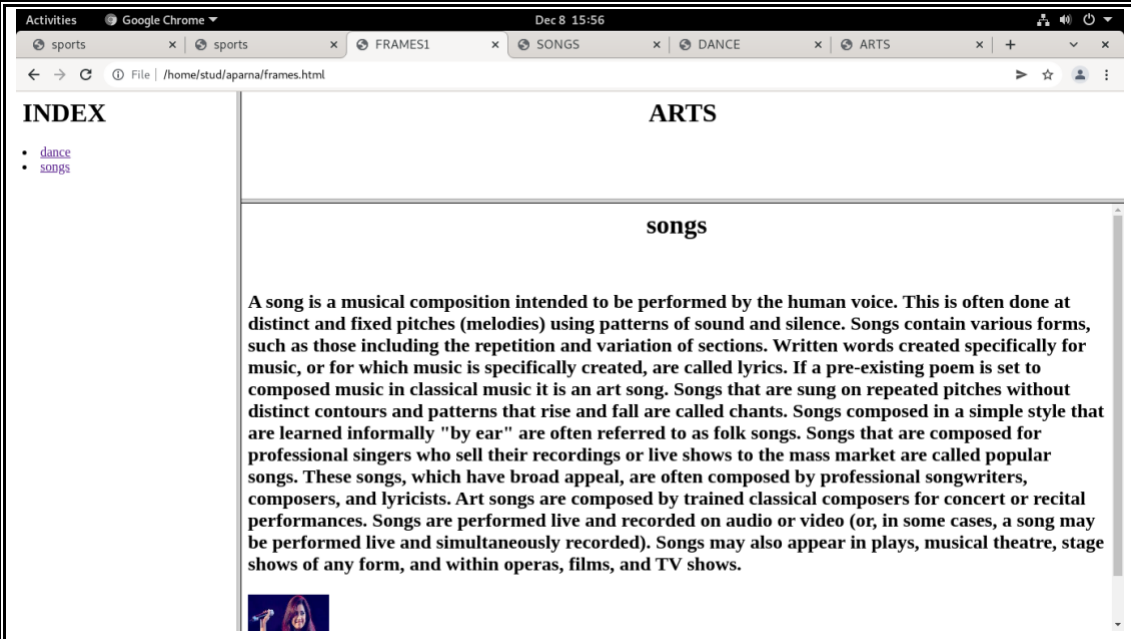
```
<html>
<head>
<title>cg</title>
</head>
```

```
<body>
<iframe src="iframe.html"></iframe>
</body>
<html>
```

OUTPUT







AIM

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

PROGRAM CODE

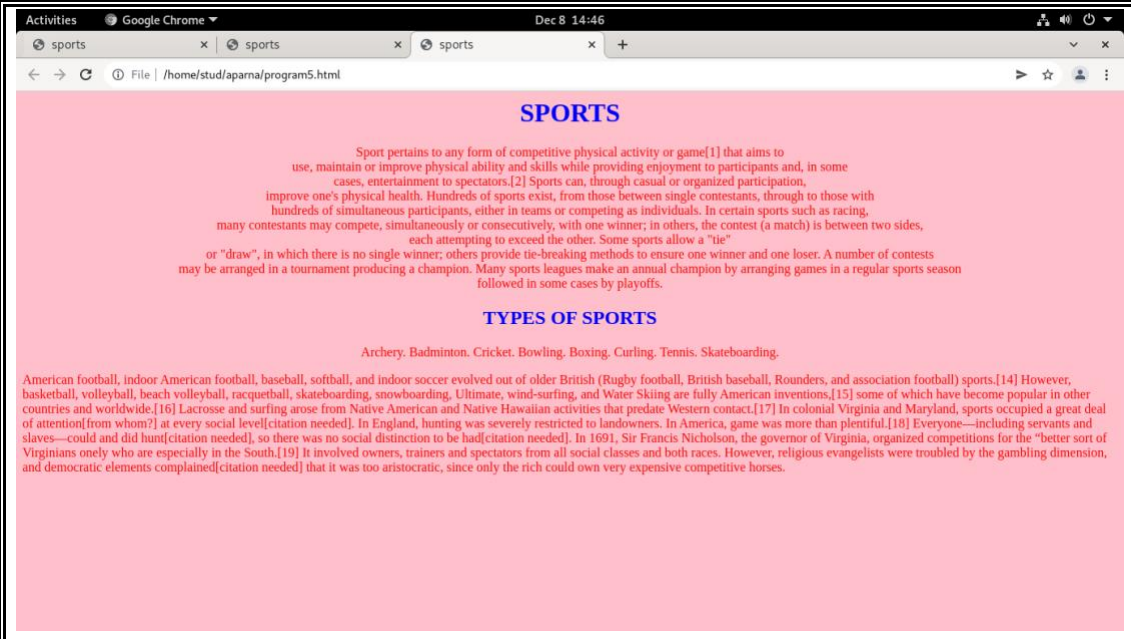
```
<html>
<head>
<title>sports</title>
<link rel="stylesheet"href="style1.css">
<style>
h2 {text-align:center;color:blue;}
p {text-align:center;color:red;}
</style>
</head>
<body>
<h1 style="color:blue;" align="center">SPORTS</h1>
<p style="color:red;" align="center">Sport pertains to any form of competitive physical activity or game[1] that aims to<br>
```

use, maintain or improve physical ability and skills while providing enjoyment to participants and, in some
cases,
entertainment to spectators.[2] Sports can, through casual or organized participation,
 improve one's physical health.
Hundreds of sports exist, from those between single contestants, through to those with
hundreds of simultaneous participants,
either in teams or competing as individuals. In certain sports such as racing,
 many contestants may compete, simultaneously or
consecutively, with one winner; in others, the contest (a match) is between two sides,
 each attempting to exceed the other. Some sports allow a "tie"
or "draw", in which there is no single winner; others provide tie-breaking methods to ensure one winner and one loser. A number of
contests
 may be arranged in a tournament producing a champion. Many sports leagues make an annual champion by arranging games in a regular
sports season
 followed in some cases by playoffs.
<h2>TYPES OF SPORTS</h2>
Archery. Badminton. Cricket. Bowling. Boxing. Curling. Tennis. Skateboarding.
American football, indoor American football, baseball, softball, and indoor soccer evolved out of older British (Rugby football, British baseball, Rounders, and association football) sports.[14] However, basketball, volleyball, beach volleyball, racquetball, skateboarding, snowboarding, Ultimate, wind-surfing, and Water Skiing are fully American inventions,[15] some of which have become popular in other countries and worldwide.[16] Lacrosse and surfing arose from Native American and Native Hawaiian activities that predate Western contact.[17]

In colonial Virginia and Maryland, sports occupied a great deal of attention[from whom?] at every social level[citation needed]. In England, hunting was severely restricted to landowners. In America, game was more than plentiful.[18] Everyone—including servants and slaves—could and did hunt[citation needed], so there was no social distinction to be had[citation needed]. In 1691, Sir Francis Nicholson, the governor of Virginia, organized competitions for the “better sort of Virginians onely who are especially in the South.[19] It involved owners, trainers and spectators from all social classes and both races. However, religious evangelists were troubled by the gambling dimension, and democratic elements complained[citation needed] that it was too aristocratic, since only the rich could own very expensive competitive horses.
</body>
</html>

STYLE1.CSS
body {background-color:pink;color:red;}

OUTPUT



AIM

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

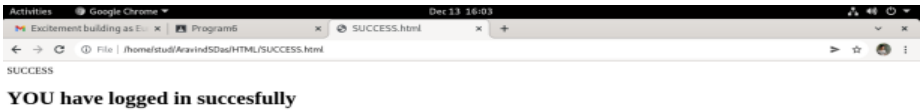
PROGRAM CODE

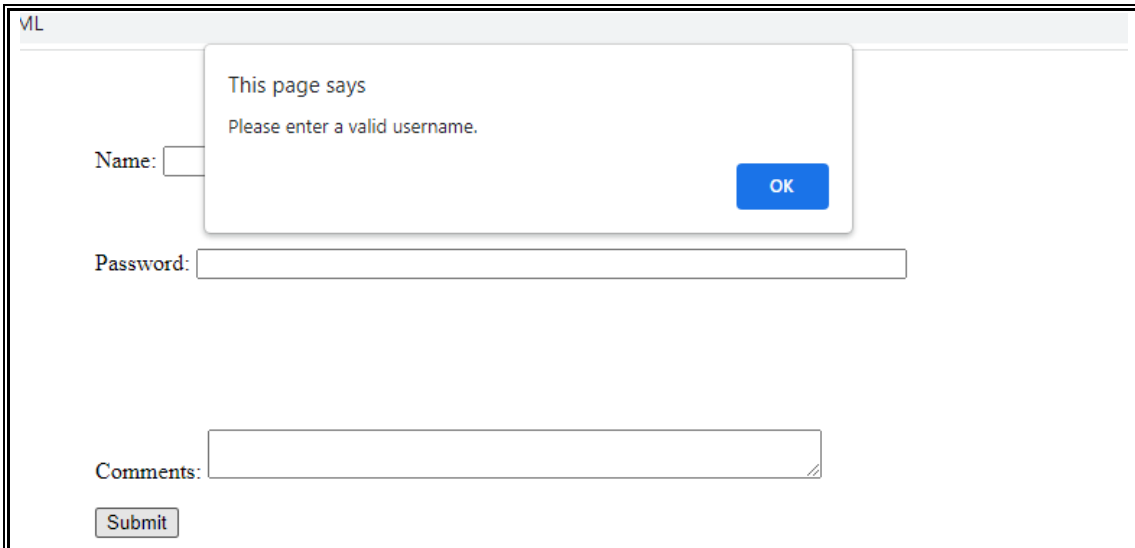
```
<html>
  <head>
    <script>
      function form() {
        var name =
          document.forms["RegForm"]["Name"];
        var password =
          document.forms["RegForm"]["Password"];
        if (name.value !== "aravind") {
          window.alert("Please enter a valid username.");
          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





AIM

7.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>
```

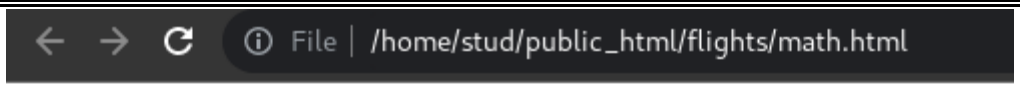
```
<br>
<button onclick="ucase()">Uppercase</button>
<br>
<h3>To Lowercase</h3><br>
<p id="lc">HELLO</p>
<br>
<button onclick="lcase()">Lowercase</button>
<br>
<h3>Concat</h3>

<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



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

AIM

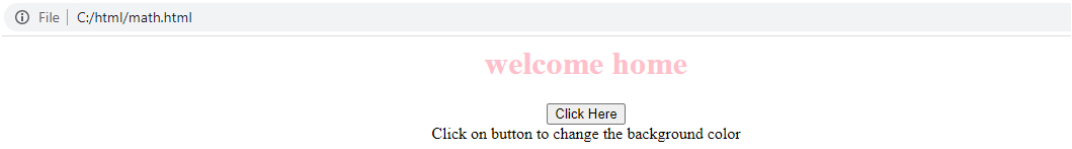
8.Create a HTML page to change the background color for every click of a button using JavaScript Event Handling

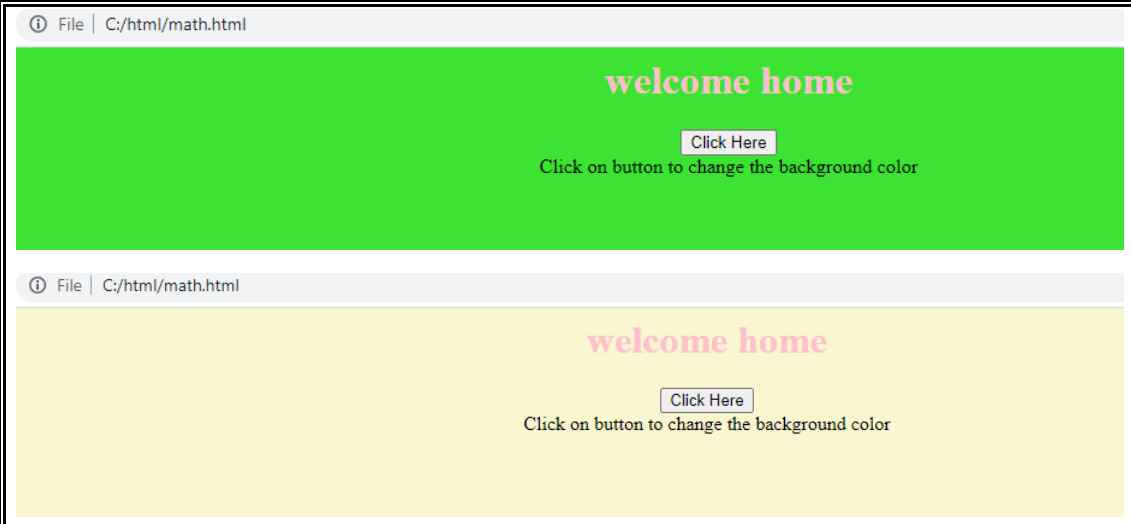
PROGRAM CODE

<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





AIM

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

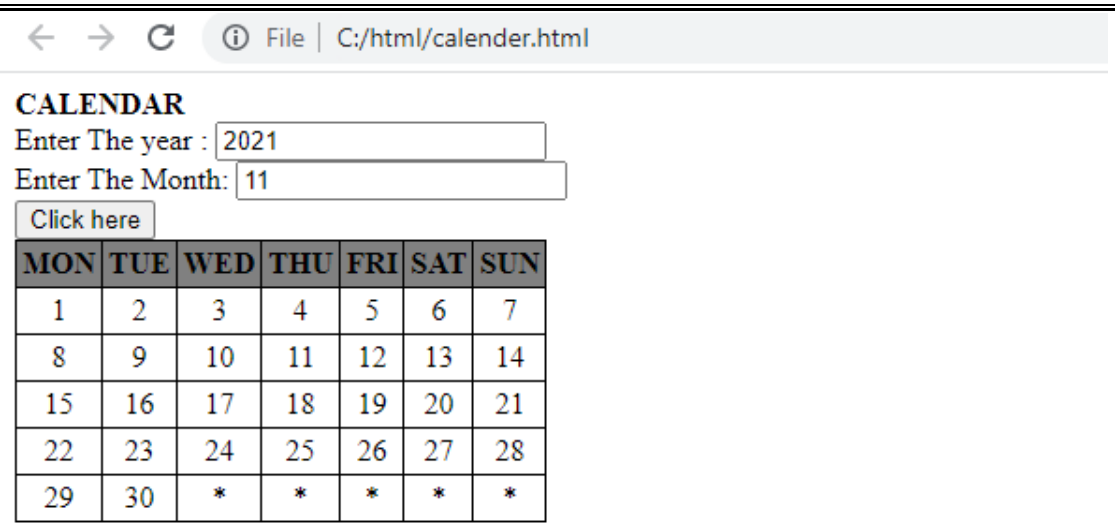
PROGRAM CODE

```
<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



AIM

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

PROGRAM CODE

pgg.html

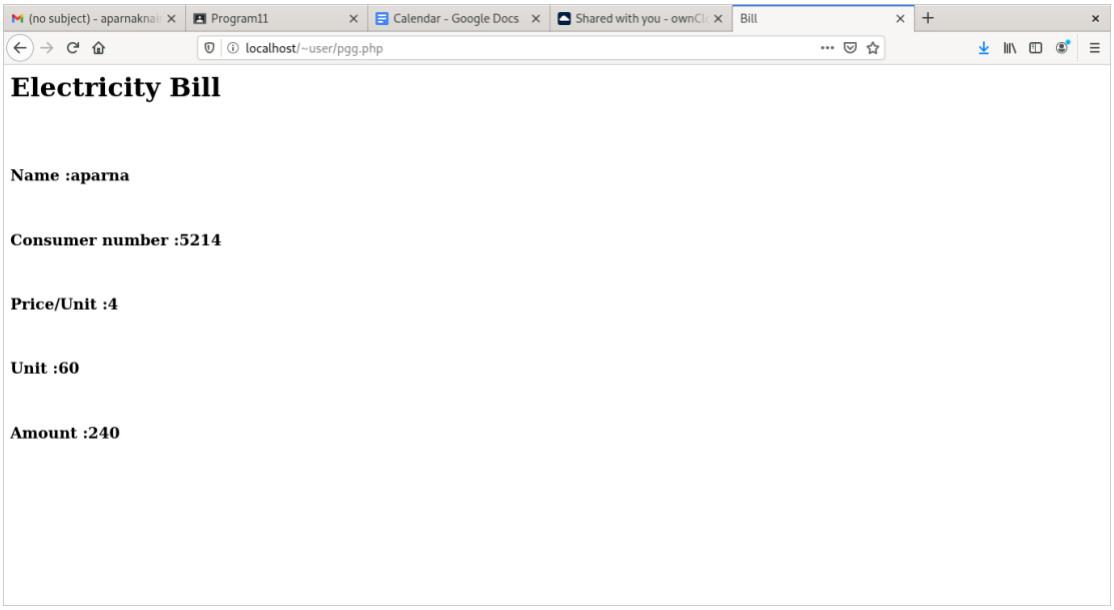
```
<html>
 <head><title>Electricity Board</title></head>
 <body>
 <form align="left" name="bill" action="http://localhost/~user/pgg.php" method="post">
 <br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>
 <font color="black">
 <h1>          Electricity Board</h1>
          Consumer Number: <input type="number" name="cno"><br><br>
          Customer name: <input type="text" name="uname"><br><br>
          Unit: <input type="number" name="unit"><br><br>
                    <input type="submit" value="Submit">
 </font>
 </form>
```

pgg.php

```
<html>
```

```
 <head><title>Bill</title></head>
 <body>
  <h1>Electricity Bill</h1>
  <br><br>
  <h3>Name :<?php echo $_POST["uname"];?></h3><br>
  <h3>Consumer number :<?php echo $_POST["cno"];?></h3><br>
  <h3>Price/Unit :<?php $p=4; echo $p;?></h3><br>
  <h3>Unit :<?php echo $_POST["unit"];?></h3><br>
  <h3>Amount :<?php echo $_POST["unit"]*4;?></h3><br>
 </body>
</html>
```

Output



AIM

11.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 )
```

AIM

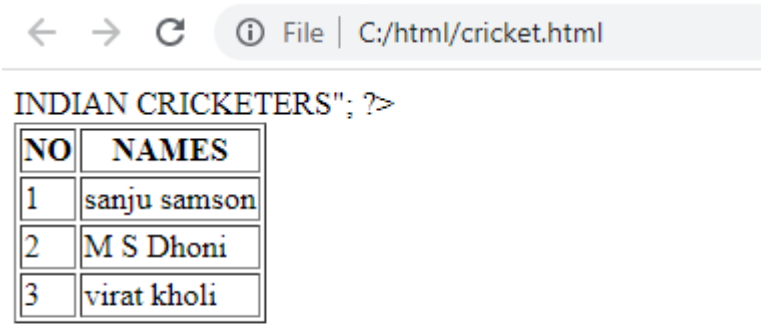
12.Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.

PROGRAM CODE

```
<html>
<body>
<?php
$Indcricketers= array("sanju samson", "M S Dhoni", "virat kholi"); 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>sanju samson</td>
</tr>
<tr>
<td>2</td>
<td>M S Dhoni</td>
</tr>
<tr>
<td>3</td>
<td>virat  kholi</td>
</tr>";
?>
</body>
</html>
```

OUTPUT



AIM

13. 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

book_info.html

```
<doctype html>
<html>
<head>
<title>book</title>
</head>
<body>
<center><u><b>Book Information System</b></u><br><br> <a
href="add_book.html">Add Book</a><br>
<a href="search.html">Search Book</a><br>
</center>
</body>
</html>
```

add_book.html

```
<!doctype html>
<html>
<head><title>add book</title></head>
<body align="center">
<form name="frm1" action="add1.php" method="post"> <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="Aut"><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"><br>
</form>
</body>
</html>
```

add1.php

```
<!doctype html>
<html>
<?php
$num=$_POST['num'];
$tit=$_POST['tit'];
$Aut=$_POST['Aut'];
$Edi=$_POST['Edi'];
$pub=$_POST['pub'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{ echo "Failed to connect"; }
else
{ echo "connected"; }
$sql="INSERT INTO book1 VALUES($num,'$tit','$Aut','$Edi','$pub')"; if($con-
>query($sql))
```

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

search.html

```
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="search1.php" method="POST"> <center>
<b><u>SEARCH A BOOK</u></b><br>
Enter book title:<input type="text" name="tit"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

search1.php

```
<!doctype html>
<?php
$title=$_POST['tit'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from book1 where TITLE='$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();
?>
</html>
```

OUTPUT

book_info.html ~/aparna

public.html | airline_info.html | add_airline1.php | add_airline.html | add1.php

```
<doctype html>
<html>
<head>
<title>book</title>
</head>
<body>
<center><u><b>Book Information System</b></u><br><br> <a href="add_book.html">Add Book</a><br>
<a href="search.html">Search Book</a><br>
</center>
</body>
</html>
```

add_book.html ~/aparna

```
<!doctype html>
<html>
<head><title>add book</title></head>
<body align="center">
<form name="frm1" action="add1.php" method="post"> <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="Aut"><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"><br>
</form>
</body>
</html>
```

search.html ~/aparna

```
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="search1.php" method="POST"> <center>
<b><u>SEARCH A BOOK</u></b><br>
Enter book title:<input type="text" name="tit"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

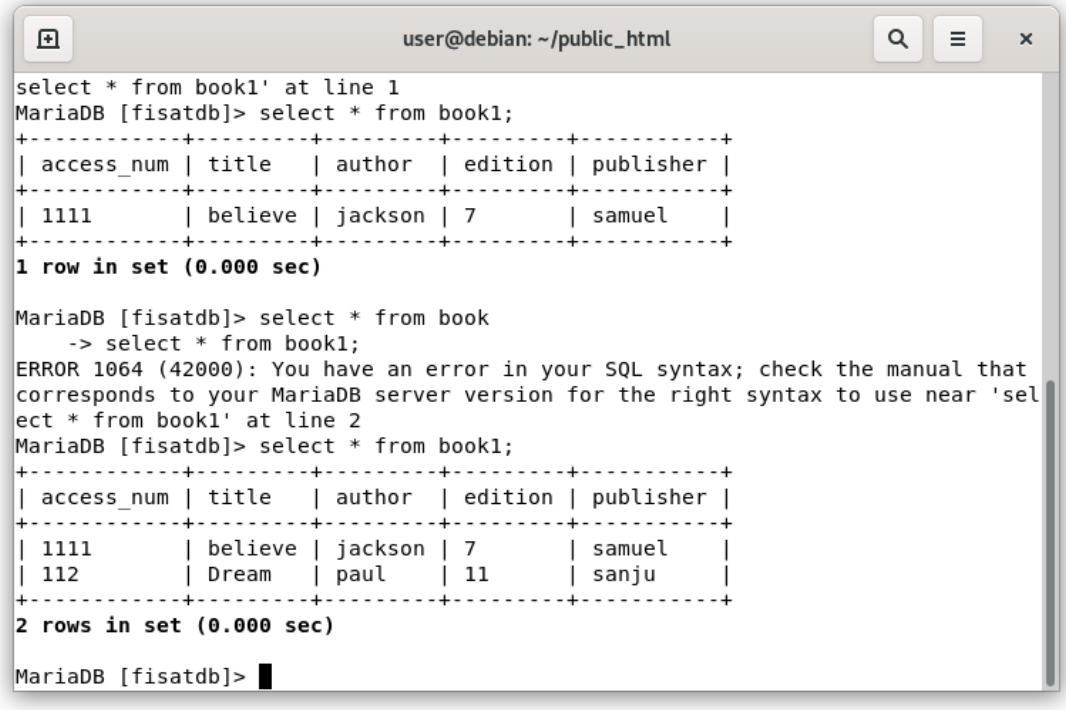
Open — add1.php — ~/public_html

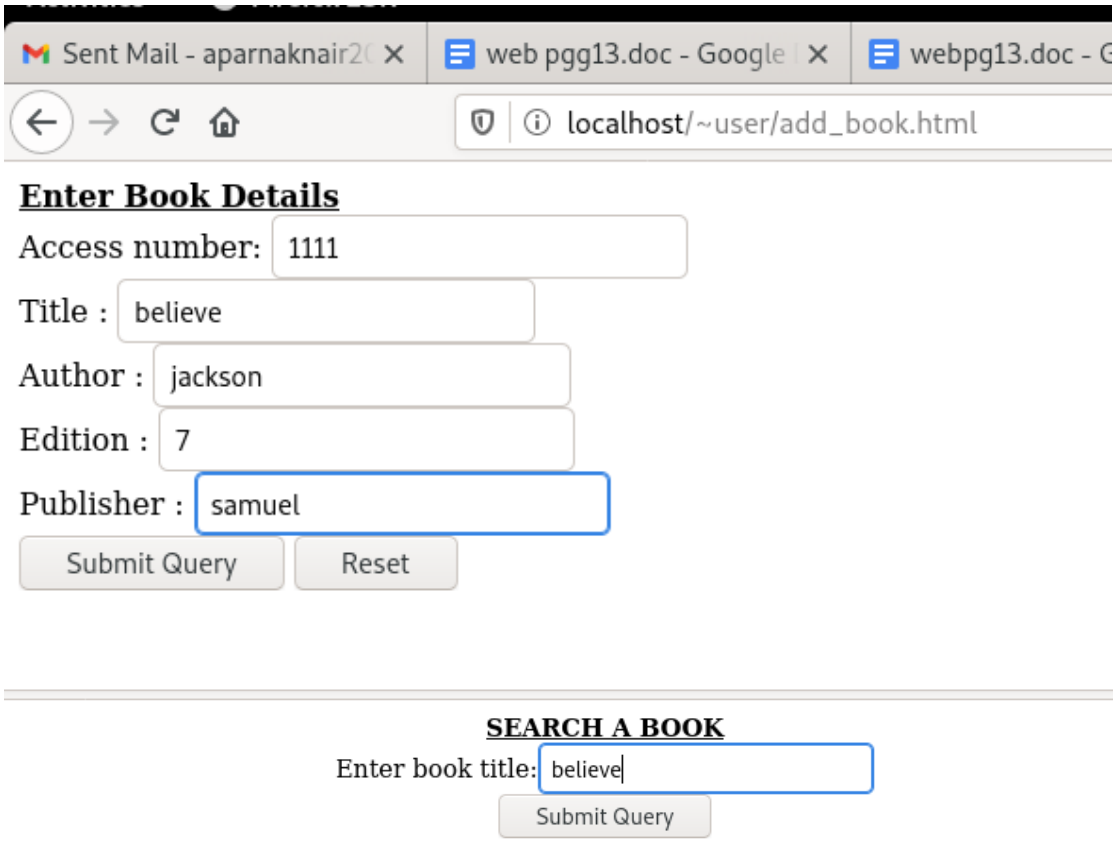
```
<!doctype html>
<html>
<?php
$num=$_POST['num'];
$tit=$_POST['tit'];
$Aut=$_POST['Aut'];
$Edi=$_POST['Edi'];
$pub=$_POST['pub'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{ echo "Failed to connect"; }
else
{ echo "connected"; }
$sql="INSERT INTO book1 VALUES($num,'$tit','$Aut','$Edi','$pub')"; if($con->query($sql))
{
echo "<BR>";
echo 'New row added';
}
else
{
echo "ERROR:could not execute query";
}
$con->close();
?>
</html>

```

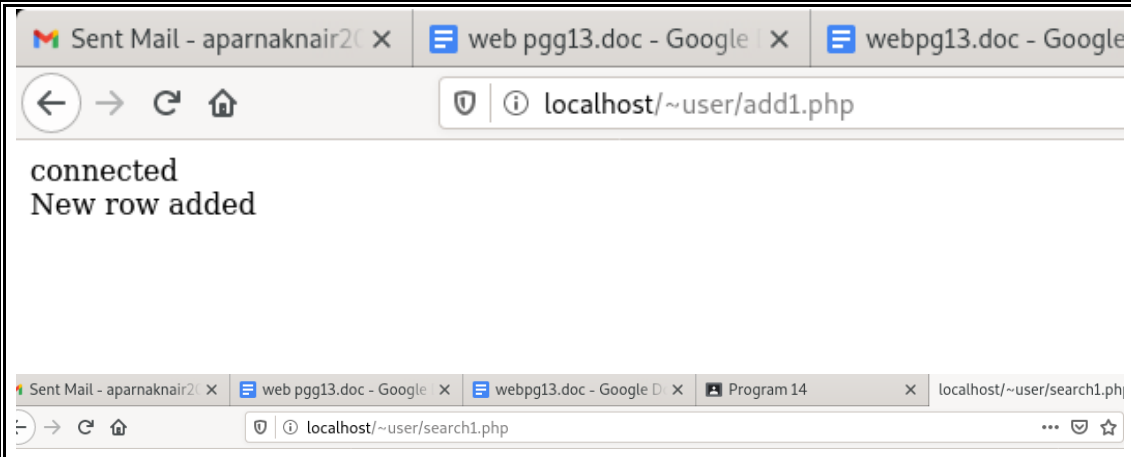
Open — search1.php — ~/aparna

add1.php | search1

```
<!doctype html>
<?php
$title=$_POST['tit'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from BOOK where TITLE='$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();
?>
</html>

```


user@debian: ~/public_html
select * from book1' at line 1
MariaDB [fisatdb]> select * from book1;
+------------+---------+---------+---------+-----------+
| access_num | title | author | edition | publisher |
+------------+---------+---------+---------+-----------+
| 1111 | believe | jackson | 7 | samuel |
+------------+---------+---------+---------+-----------+
1 row in set (0.000 sec)
MariaDB [fisatdb]> select * from book
-> select * from book1;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MariaDB server version for the right syntax to use near 'sel
ect * from book1' at line 2
MariaDB [fisatdb]> select * from book1;
+------------+---------+---------+---------+-----------+
| access_num | title | author | edition | publisher |
+------------+---------+---------+---------+-----------+
| 1111 | believe | jackson | 7 | samuel |
| 112 | Dream | paul | 11 | sanju |
+------------+---------+---------+---------+-----------+
2 rows in set (0.000 sec)
MariaDB [fisatdb]>


Sent Mail - aparnaknair2
web pgg13.doc - Google
webpg13.doc - G
localhost/~user/add_book.html
Enter Book Details
Access number: 1111
Title : believe
Author : jackson
Edition : 7
Publisher : samuel
Submit Query
Reset
SEARCH A BOOK
Enter book title: believe
Submit Query



AIM

14.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

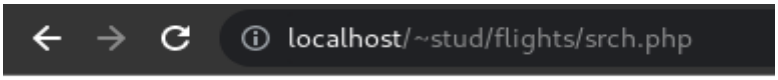
```
<?php
$des=$_POST['des'];
$src=$_POST['src'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "Connected\n";
```

```
}
$sql="select * from flight where Destination='$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


Enter Flight Details
Flight number
123
Destination
kochi
Source
dubai
OK
Cancel


Enter Flight Details
Destination
kochi
Source
dubai
OK



Connected The flight number is : 112

Connected
New Row Added