FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR

ANGAMALY-683577

'FOCUS ON EXCELLENCE'

LABORATORY RECORD

20MCA133 - WEB PROGRAMMING LAB

Name: **ABHINAV H**

Branch: **MASTER OF COMPUTER APPLICATIONS**

Semester: **1** **Batch: 2021- A** **Roll No: 03**

University Exam.Reg. No: FIT21MCA-2003

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR

ANGAMALY-683577

'FOCUS ON EXCELLENCE'

CERTIFICATE

Certified that this is the Bonafide record of the Practical work done by ***Mr. ABHINAV H (FIT21MCA-2003)*** *in the* ***20MCA133- WEB PROGRAMMING*** *Laboratory of the Federal Institute of Science and Technology during the academic year 2021-2022.*

Signature of Staff in Charge — Signature of H.O.D

Name: — Name:

Date:

Date of University practical examination …… Signature of Signature of

Internal Examiner — External Examiner

CONTENT

12	**10/1/2022**	Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.		
13	**2/3/2022**	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	**2/3/2022**	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

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

PROGRAM CODE

NATIVE PLACE

```
<html>
<head>
<title>about native place</title>
</head>
<body bgcolor="994422"align="center">
<h1><b><u><font color="red">CALICUT
  </font></b></u></h1>
<img src="/home/ccf/Downloads/h.jpg" height="200" width="150" align="top"
alt="cat">
<br>
<p>Kozhikode (About this soundlisten)), also known in English as Calicut, is an
Indian city and the second-largest metropolitan city in the State of Kerala. It is also
the 19th largest in the country with a population of two million according to the 2011
census. Kozhikode is classified as a Tier 2 city by the Government of India.

It is the largest city in the region known as Malabar and was the capital of the British-
era Malabar district. In antiquity and the medieval period, Kozhikode was dubbed the
City of Spices for its role as the major trading point for Indian spices. It was the
capital of an independent kingdom ruled by the Samoothiris (Zamorins). The port at
Kozhikode acted as the gateway to medieval South Indian coast for the Chinese, the
Arabs, the Portuguese, the Dutch and finally the British. According to data compiled
by economics research firm Indicus Analytics in 2009 on residences, earnings and
investments, Kozhikode was ranked the second best city in India to live in.
Contents.<p>More information about <a
href="https://www.google.com/search?q=history+of+calicut&ie=utf-8&oe=utf-
8&client=firefox-b-e">Calicut</a></p>

</br>
<a href="/home/ccf/Downloads/c.jpg"><img src="/home/ccf/Downloads/c.jpg"
height="60" width="80" align="top" alt="cat"></a>
</body>
</html>
```

OUTPUT

CALICUT

Kozhikode (About this soundlisten)), also known in English as Calicut, is an Indian city and the second-largest metropolitan city in the State of Kerala. It is also the 19th largest in the country with a population of two million according to the 2011 census. Kozhikode is classified as a Tier 2 city by the Government of India. It is the largest city in the region known as Malabar and was the capital of the British-era Malabar district. In antiquity and the medieval period, Kozhikode was dubbed the City of Spices for its role as the major trading point for Indian spices. It was the capital of an independent kingdom ruled by the Samoothiris (Zamorins). The port at Kozhikode acted as the gateway to medieval South Indian coast for the Chinese, the Arabs, the Portuguese, the Dutch and finally the British. According to data compiled by economics research firm Indicus Analytics in 2009 on residences, earnings and investments, Kozhikode was ranked the second best city in India to live in. Contents.

More information about Calicut

EXPERIMENT 2

AIM

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

PROGRAM CODE

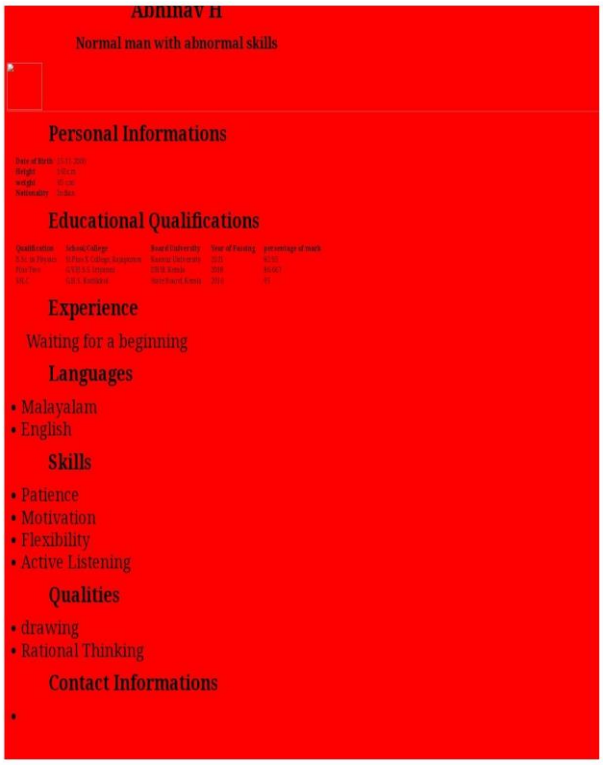
```
<html >
  <head><tit1e>Biodata abhinav h/title></head>
  <body bgcolor=red>
  <hr size ="1" width-”2300"align="centre">
  <hl  align="center"  >Abhinav H</hl>
       align="center"  <h5 >Normal man with abnormal skills</h5>
  <img align=”
left" src
        width=10
0px
height=103px>
  <br><br>
  <hr size ="1" width="2000" align ”centre”>
  <h2>  ;   ;   ;   ;   ;   ;   ;   ;
    Per sonal
Informations</h2>
  <table>

  <tralign="left">
  <th>     Date of Birth</th>
  <td>:</td>
  <td>15-11-2000</td>
  </tr>

  <tr align=”left">
<th>  ;  ;  ;                 ; Height< /th>
  <td>:</td>
  <td>170 c.m</td>
  </tr>

  <tralign="left">
  <th>  ;  ;  ;  ;  ; weight< /th>
```

```
<td>:</td>
<td>65 c.m</td>
</tr>

<tr align="left”>
   h>    ;   ;   ;   ; Nationality< /th>
<td>:</td>
<td>lndian</td>
</tr> </table>
<h2>  ;   ;   ;   ;   ;   ;   ;   ;   ;
  Educational
Qualifications</h2>
<table>

<tr align="left">h>   ;       ;   ; Qualification< /th>
   h>    ;   ;   ;   ; School/college< /th>
<th>     Board University</th>
<td>:</td>
<td>65 c.m</td>

<tralign=”left">
   h>    ;   ;   ;   ; Nationality< /th>
<td>:</td>
<td>lndian</td>
</tr>
</table>
<h2>  ;  ;  ;  ;  ;  ;  ;  ;   
Educational
Qualifications</h2>
<table>
<tralign="left">
   h>    ;   ;  ;   ; Qualification< /th>
   h>    ;   ;   ;   ; School/college< /th>
<th>     Board University</th>
<th>     year of Passing</th>
<th>     persentage of mark</th>
</tr>
<tr align="left">
<td>     B.Sc. in physics</td>
<td>     st.pius X College, Rajapuram</td>
<td>     Kannur University</td>
```

```
<td>     2021</td>
<td>     82.95</td>
</tr>
<tr align="left">
<td>     plus Two</td>
<td>     G.V.H.S.S. Iriyanni</td>
<td>     DHSE Kerala</td>
<td>     2018</td>
<td>     86.667</td>
</tr>
<tr align="left">
<td>     SSLC</td>
<td>     G.H.S. Kuttikkol</td>
<td>     state Board,


</tr>
</table>
<h2>  ;  ;  ;  ;  ;  ;  ;  ;   
Experience< /h2)
     waiting for a beginning
<td>     plus Two</td>
<td>     G.V.H.S.S. Iriyanni</td>
<td>     DHSE Kerala</td>
<td>     2018</td>
<td>     86.667</td>
</tr>
<tr align="left">
<td>     SSLC</td>
```

```
<td>     G.H.S. Kuttikkol</td>

<td>     2016</td>
<td>     95</td>
<td>     state Board, Kerala</td>
</tr>
</table>
<h2>  ;  ;  ;  ;  ;  ;  ;  ;   
                    Experience< /h2
<ul>                     waiting for a
<li>Malayalam</li>  beginning
<h2>  ;  ;  ;  ;  ;  ;  ;  ;   
Languages< /h2>
<1i>English</1i>

<h2>  ;  ;  ;  ;  ;  ;  ;  ;   
Skills< /h2>
<li>patience</li>
<li>Motivation</li>
<li>Flexibility</li>

<1i>Active Listening</li>

<h2>  ;  ;  ;  ;  ;  ;  ;  ;  ; 
; Qualities< /h2>
<li>drawing</li>
<1i>Rationa1 Thinking</li>

<h2>  ;  ;  ;  ;  ;  ;  ;  ;  ; 
; Contact
Informations</h2>

            href=”abhionavharidaghg@hmail.com</a></li>


</body>
</html>
```

OUTPUT


Abhinav H
Normal man with abnormal skills
Personal Informations
Educational Qualifications
Experience
Waiting for a beginning
Languages
• Malayalam
• English
Skills
• Patience
• Motivation
• Flexibility
• Active Listening
Qualities
• drawing
• Rational Thinking
Contact Informations

EXPERIMENT 3

AIM

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

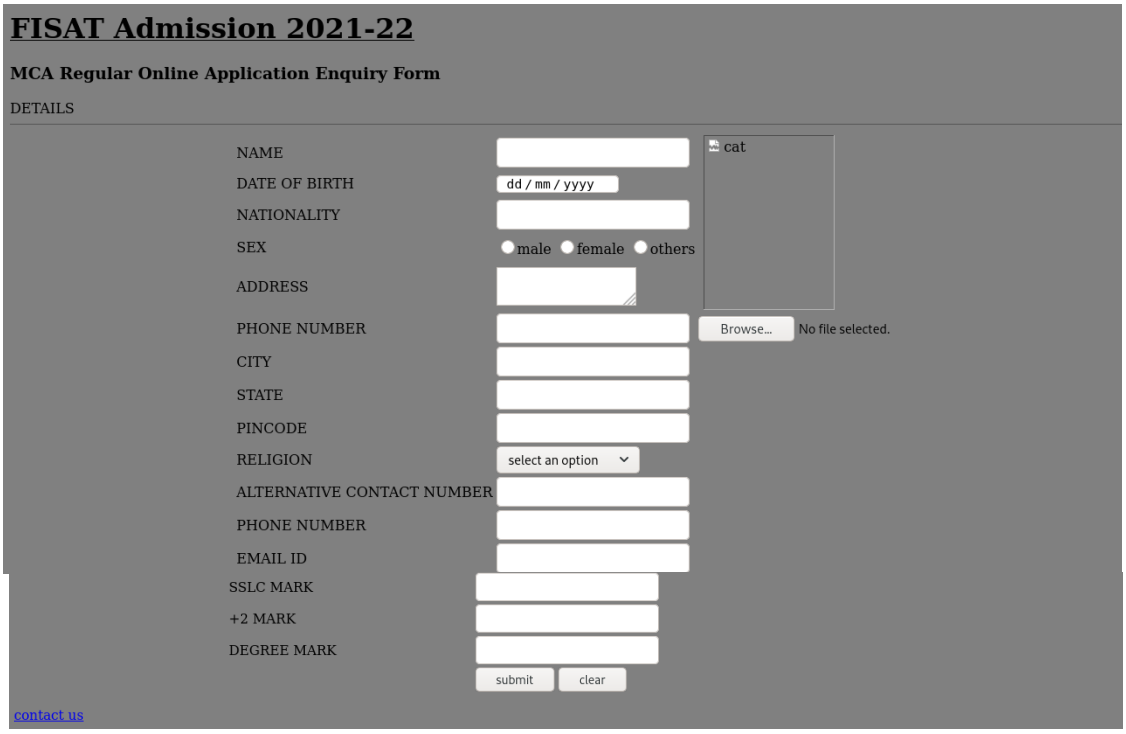
PROGRAM CODE

FISAT ADMISSION FORM

```
<html>
<head>
<title>about us </title>
</head><body bgcolor="grey" align="center">
<h1><u>FISAT Admission 2021-22</u></h1>
<h3>MCA Regular Online Application Enquiry Form</h3>
<form>
<table align="center">
DETAILS<hr>
<tr><td>NAME</td>
<td colspan="2"><input type="text filed"></td><td rowspan="5"><img
src="/home/stud/Pictures/542px-Unknown_person.jpg" height="200" width="150"
align="top" alt="cat">
</td>
</tr>

<tr>
<td>DATE OF BIRTH</td>
<td><input type="date"></td>
<td>
</tr><tr>
<td>NATIONALITY</td>
<td><input type="text field"></td>
</tr>
<tr>
<td>SEX</td>
<td><input type="radio" name="male"><label for="male">male</label>
</input><input type="radio" name="female"><label for="female">female
</label>
</input><input type="radio" name="female"><label for="female">others
</label>
</input>
```

```
</tr>
<tr>
<td>ADDRESS</td>
<td><textarea></textarea></td>
</tr><tr>
<td>PHONE NUMBER</td>
<td><input type="textfiled"></td>
<td colspan="2"><input type="file"></td>
</tr><tr><td>CITY</td>
<td><input type="text field"></td>
</tr><tr><td>STATE</td>
<td><input type="text field"></td></tr><tr><td>PINCODE</td>
<td><input type="textfiled"></td>
<tr><td>RELIGION</td>
<td><select>
<option>HINDU
<option>CHRISTIAN
<option>MUSLIM
<option>OTHER RELIGION
<option selected> select an option
</td>
</tr>
<tr><td>ALTERNATIVE CONTACT NUMBER</td>
<td><input type="textfiled"></td></tr>
<tr><td>PHONE NUMBER</td>
<td><input type="textfiled"></td></tr><tr><td>EMAIL ID</td>
<td><input type="email"></td></tr>
<tr><td>SSLC MARK</td>
<td><input type="textfiled"></td>
</tr><tr><td>+2 MARK</td>
<td><input type="textfiled"></td>
</tr><tr><td>DEGREE MARK</td>
<td><input type="textfiled"></td>
</tr>
<tr><td><td><input type="submit" name="submit" value="submit">
<input type="reset" name="clear" value="clear"></td></td></tr>
</table>
</form>
<a href="https://www.biomaker.org/">contact us</a>
</body>
</html>
```

OUTPUT


FISAT Admission 2021-22
MCA Regular Online Application Enquiry Form
DETAILS
NAME
DATE OF BIRTH
dd / mm / yyyy
NATIONALITY
SEX
male
female
others
ADDRESS
PHONE NUMBER
CITY
STATE
PINCODE
RELIGION
select an option
ALTERNATIVE CONTACT NUMBER
PHONE NUMBER
EMAIL ID
SSLC MARK
+2 MARK
DEGREE MARK
submit
clear
cat
Browse...
No file selected.
contact us

EXPERIMENT 4

AIM

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

PROGRAM CODE

PROGRAME 4

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

float.html

```
<html>
<head>
<title>float</title>
</head>
<body>
<iframe src="/home/stud/Abhinav/web/floating frame/image 1.html">
<iframe src="/home/stud/Abhinav/web/floating frame/image2.html">
</body>
</html>
```

image1.html

```
<html>
<head>
<title>
</title>
</head>
<body><img src="/home/stud/Abhinav/web/floating frame/images.jpeg">
</body>
</html>
```

image2.html

```
<html>
<head>
<title>
</title>
</head>
<body><img src="/home/stud/Abhinav/web/floating frame/image 2.jpg">
```

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

NAVIGATION

1.html

```
<html>
<head>
<title>navigation</title>
</head>
<frameset cols="200,*">
<frame  name="frame1"src="/home/stud/Abhinav/web/navigation/link.html">
<frame  name="frame2"src="/home/stud/Abhinav/web/navigation/link1.html">
</frameset>
</html>
```

images.html

```
<html>
<head>
<title>
</title>
</head>
<body>
<img src="/home/stud/Abhinav/web/navigation/earth.jpg">
</body>
</html>
```

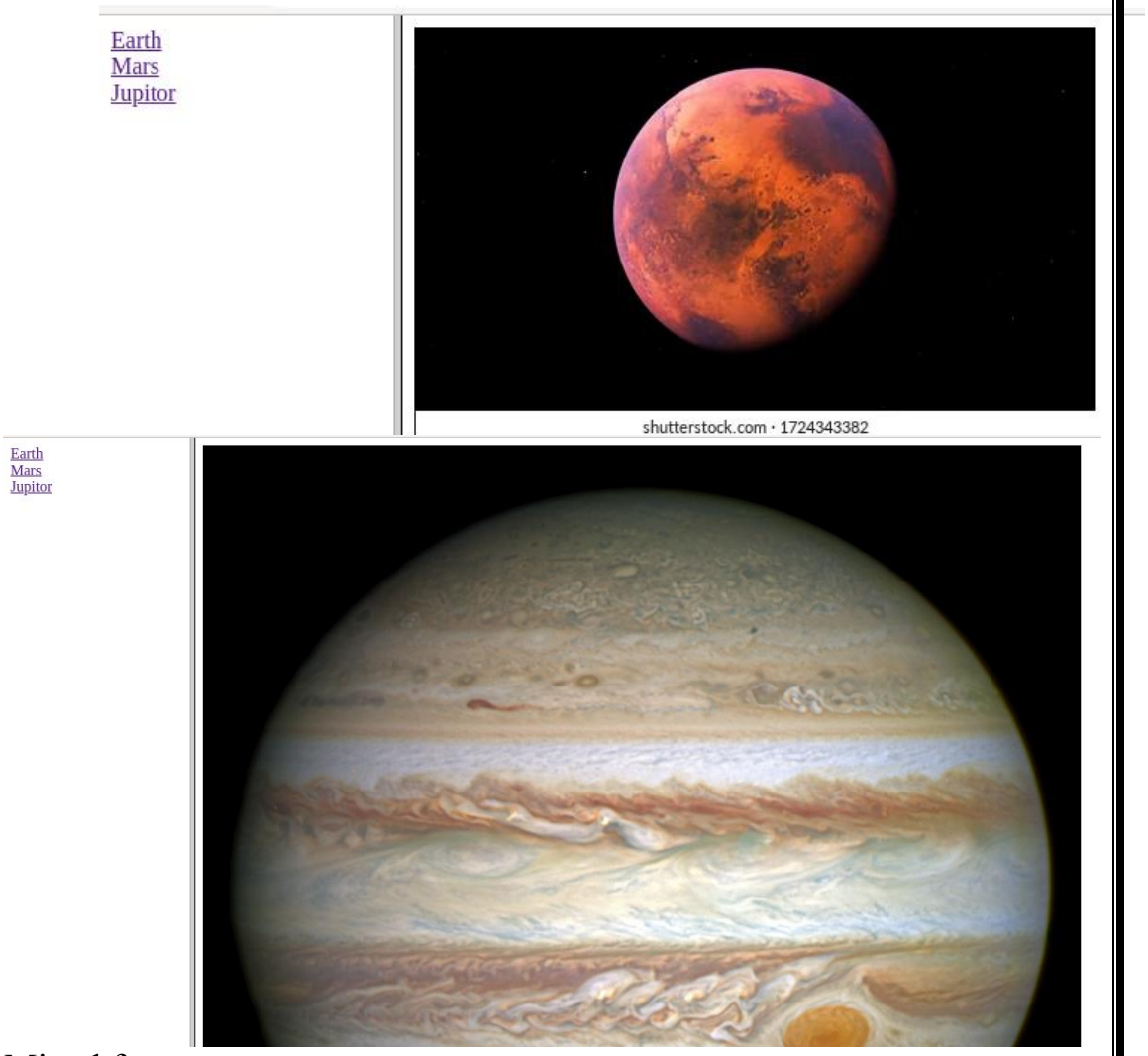
images2.html

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

```
<body>
<img src="/home/stud/Abhinav/web/navigation/mars.jpg">
</body>
</html>
```

images3.html

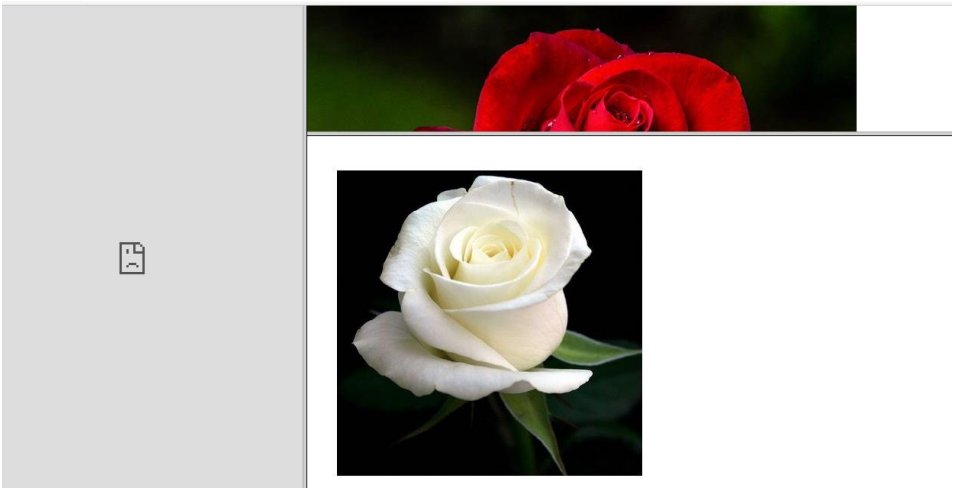
```
<html>
<head>
<title>
</title>
</head>
<body>
<img src="/home/stud/Abhinav/web/navigation/jupitor.jpg">
</body>
</html>
```



Mixed frame

```
<html>
<frameset cols="30%,*">
<frame src="img2.jpg"></frame>
<frameset rows="25%,*"></frame>
<frame src="im1.jpg" autostart="true">
<frame src="im3.jpg"></frame>
</frameset>
</frameset>
</html>
```

OUTPUT



EXPERIMENT 5

AIM

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

PROGRAM CODE

(Inline & Internal)

```
<html>
 <head>
  <link rel="stylesheet" href="prog5css.css">
  <style>
   h1{color:red;font-family:verdana;font-size:300%;}
  </style>
```

```
</head>

<body>

 <h1 align="center">CSS Web Page</h1>

 <h2>SUB HEADING</h2>

 <p style="color:blue">This webpage is designed to demostrate different ways of applying cascading style sheets.This paragraph uses in line style sheets,main heading uses internal style sheets, sub heading and background color uses external style sheets.</p>

 </body>

</html>
```

(External.css file)

```
Body{background-color:black}

 h2{color:teal;}
```

OUTPUT

EXPERIMENT 6

AIM

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

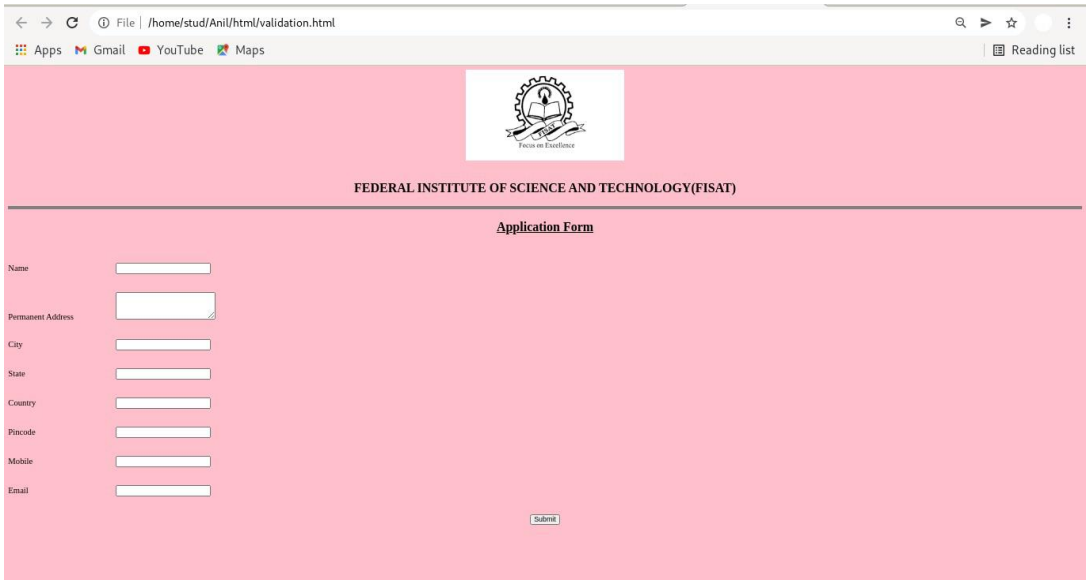
PROGRAM CODE

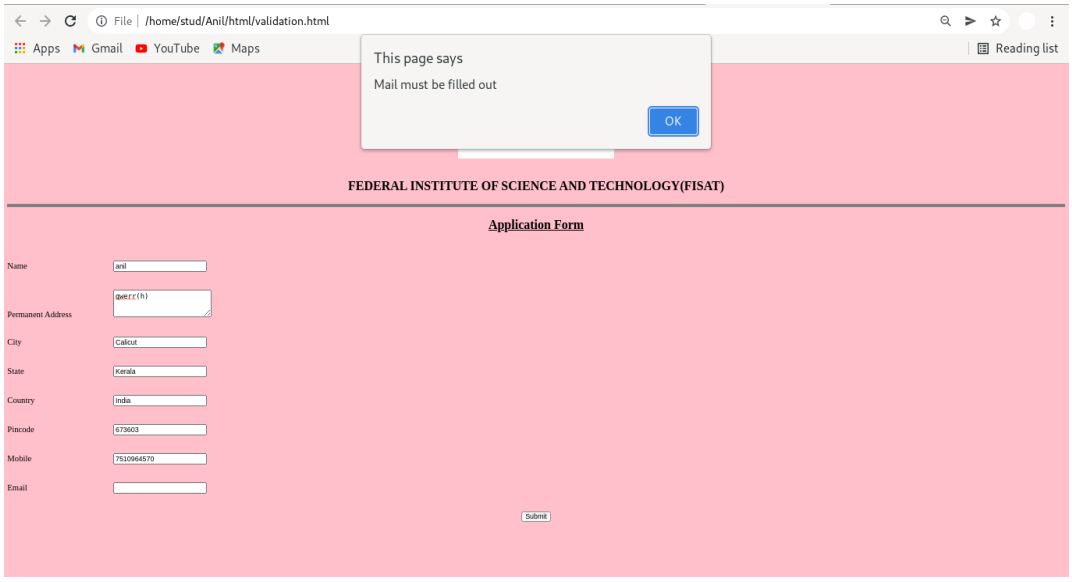
```
<html><head>
<script>
function validateForm() {
var a = document.forms["myForm"]["fname"].value;
if (a == "") {
alert("Name must be filled out");
return false;
}
var b = document.forms["myForm"]["add"].value;
if (b == "") {
alert("Address must be filled out");
return false;
}
var d = document.forms["myForm"]["city"].value;
if (d == "") {
alert("City must be filled out");
return false;
}
var e = document.forms["myForm"]["state"].value;
if (e == "") {
alert("State must be filled out");
return false;
}
var f = document.forms["myForm"]["country"].value;
if (f == "") {
```

```
alert("Country must be filled out");
return false;
}
var g = document.forms["myForm"]["pin"].value;
if (g == "") {
alert("Pin code must be filled out");
return false;
}
var h = document.forms["myForm"]["mob"].value;
if (h == "") {
alert("Mobile must be filled out");
return false;
}
var i = document.forms["myForm"]["mail"].value;
if (i == "") {
alert("Mail must be filled out");
return false;
}
var j = document.forms["myForm"]["dob"].value;
if (j == "") {
alert("DOB must be filled out");
return false;
}}
</script>
<style>
label {
display: inline-block;
width: 200px;
}
body{background-color:pink;}
</style>
```

```
</head>
<body>
<center><img src="fisat.png"></center><br>
<center><h2>FEDERAL INSTITUTE OF SCIENCE AND
TECHNOLOGY(FISAT)</h2></center>
<hr size=5 noshade></hr>
<h2><center><u>Application Form</u></center></h4><br><br>
<form name="myForm" action="/action_page_post.php"
onsubmit="return validateForm()" method="post">
<label>Name</label>
<input type="text" name="fname"><br><br><br>
<label>Permanent Address</label>
<textarea cols="20" rows="3" name="add"></textarea><br><br><br>
<label>City</label>
<input type="text" name="city" ><br><br><br>
<label>State</label>
<input type="text" name="state"><br><br><br>
<label>Country</label>
<input type="text" name="country"><br><br><br>
<label>Pincode</label>
<input type="text" name="pin"><br><br><br>
<label>Mobile</label>
<input type="number" name="mob"><br><br><br>
<label>Email</label>
<input type="email" name="mail"><br><br><br>
<center><input type="submit" value="Submit"></center>
</form>
</body>
</html>
```

OUTPUT


File | /home/stud/Anil/html/validation.html
Apps
Gmail
YouTube
Maps
Reading list
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY(FISAT)
Application Form
Name
Permanent Address
City
State
Country
Pincode
Mobile
Email
Submit


File | /home/stud/Anil/html/validation.html
Apps
Gmail
YouTube
Maps
Reading list
This page says
Mail must be filled out
OK
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY(FISAT)
Application Form
Name
anil
Permanent Address
qwerr(h)
City
Calicut
State
Kerala
Country
India
Pincode
673603
Mobile
7510964570
Email
Submit

EXPERIMENT 7

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><title>String</title>
<script>
function count2(){
text1="nature";
len=text1.length;
alert(len);
}
function str1(){
str2="aleena";
part=str2.slice(0,3);
alert(part);
}
function sub1(){
str3="aleena";
part=str3.substring(0,5);
alert(part);
}
function subb(){
str4="Apple,Banana,kiwi,";
part=str4.substr(5,7);
alert(part);
}
function replace(){
text = "how are you Microsoft";
```

```
part = text.replace("Microsoft", "W3Schools");
alert(part);
}
function touppercase(){
text1 = "hello";
text2 = text1.toUpperCase();
alert(text2);
}
function tolowercase(){
text1 = "HELLO";
text2 = text1.toLowerCase();
alert(text2);
}
function concat(){
text1 = "Hai";
text2 = "Abima";
text3 = text1.concat(" ", text2);
alert(text3);
}
function trim(){
text1 = " HaiAbima ";
text2 = text1.trim();
alert(text2);
}
function char1(){
text = "HELLO ABIMA";
char = text.charAt(0);
alert(char);
}
function convert(){
text="Apple/orange/kiwi";
```

```
text1=text.split("/");
alert(text1);
}
function index(){
str = "Have a nice day";
part=str.indexOf("nice");
alert(part);
}
function search(){
str = "Have a nice day";
part=str.search("day");
alert(part);
}
function include(){
text = "Have a nice day";
part=text.includes("nice");
alert(part);
}
function round(){
fun=Math.round(4.7);
alert(fun);
}
function ceil(){
fun1=Math.ceil(5.5);
alert(fun1);
}
function floor(){
fun2=Math.floor(-4.2);
alert(fun2);
}
function trunc(){
```

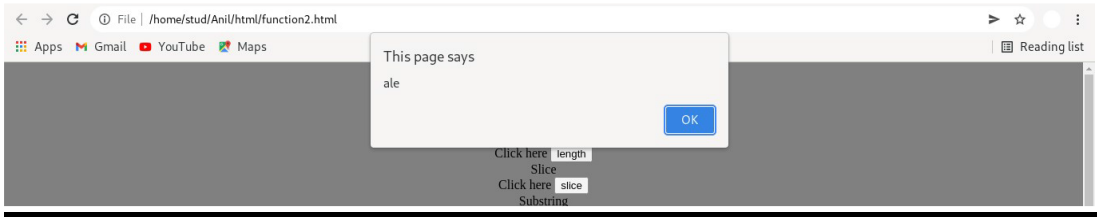
```
fun3=Math.trunc(7.6);
alert(fun3);
}
function sign(){
fun4=Math.sign(-8);
alert(fun4);
}
function pow(){
fun5=Math.pow(10,2);
alert(fun5);
}
function sqrt(){
fun6=Math.sqrt(169);
alert(fun6);
}
function abs(){
fun7=Math.abs(-5.6);
alert(fun7);
}
function sin(){
fun8=Math.sin(60*Math.PI/180);
alert(fun8);
}
function cos(){
fun9=Math.cos(30*Math.PI/180);
alert(fun9);
}
function min1(){
fun10=Math.min(-22,45,-6);
alert(fun10);
}
```

```
function max1(){
fun11=Math.max(-9,45,-2,0,34,123);
alert(fun11);
}
function random(){
fun12=Math.random();
alert(fun12);
}
function log(){
fun13=Math.log(3);
alert(fun13);
}
</script>
</head>
<body><h1 color="green">STRING METHOD</h1><br>
Length of a string<br>Click here
<input type="button" onclick="count2()" value="length"><br>
Slice<br>Click here
<input type="button" onclick="str1()" value="slice"><br>
Substring<br>Click here
<input type="button" onclick="sub1()" value="substring"><br>
Substr<br>Click here
<input type="button" onclick="subb()" value="substr"><br>
Replace<br>Click here
<input type="button" onclick="replace()" value="replace"><br>
Covert from lower case to upper case<br>Click here
<input type="button" onclick="touppercase()" value="uppercase"><br>
Convert from upper case to lower case<br>Click here
<input type="button" onclick="tolowercase()" value="lowercase"><br>
Join two or more strings<br>Click here
<input type="button" onclick="concat()" value="concat"><br>
```

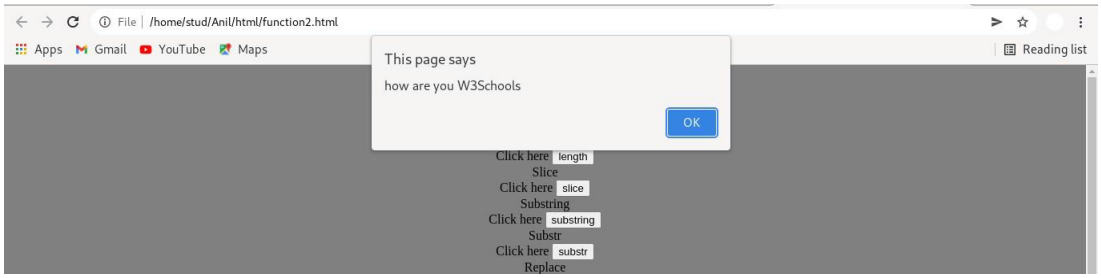
```
Trim method<br>Click here
<input type="button" onclick="trim()" value="trim"><br>
Chartat method<br>Click here
<input type="button" onclick="char1()" value="charAt"><br>
Covert method<br>Click here
<input type="button" onclick="convert()" value="convert"><br>
Indexof method<br>Click here
<input type="button" onclick="index()" value="index"><br>
Search method<br>Click here
<input type="button" onclick="search()" value="search"><br>
Include method<br>Click here
<input type="button" onclick="include()" value="include"><br><h1
color="blue">MATH METHOD</h1><br>
Round method<br>Click here
<input type="button" onclick="round()" value="round"><br>
Ceil method<br>Click here
<input type="button" onclick="ceil()" value="ceil"><br>
Floor method<br>Click here
<input type="button" onclick="floor()" value="floor"><br>
Trunc method<br>Click here
<input type="button" onclick="trunc()" value="trunc"><br>
Sign method<br>Click here
<input type="button" onclick="sign()" value="sign"><br>
Power method<br>Click here
<input type="button" onclick="pow()" value="pow"><br>
Square root of x<br>Click here
<input type="button" onclick="sqrt()" value="sqrt"><br>
Absolute value of x<br>Click here
<input type="button" onclick="abs()" value="abs"><br>
Sin of x<br>Click here
<input type="button" onclick="sin()" value="sin"><br>
```

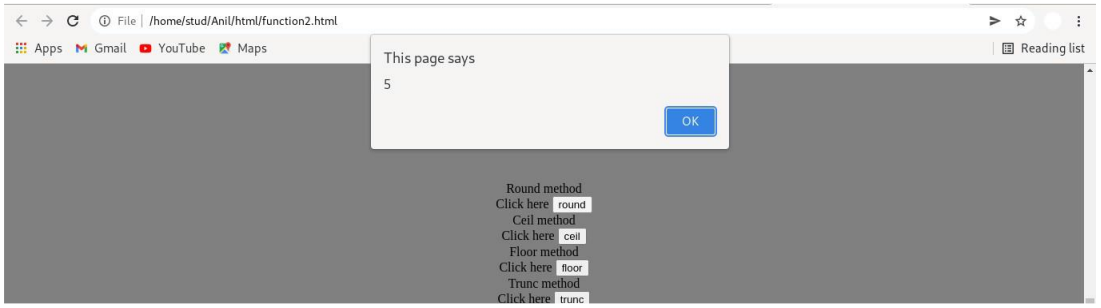
```
Cos of x<br>Click here
<input type="button" onclick="cos()" value="cos"><br>
Minimum value<br>Click here
<input type="button" onclick="min1()" value="min"><br>
Maximum value<br>Click here
<input type="button" onclick="max1()" value="max"><br>
Random<br>Click here
<input type="button" onclick="random()" value="random"><br>
Log method<br>Click here
<input type="button" onclick="log()" value="log"><br>
</body>
</html>
```

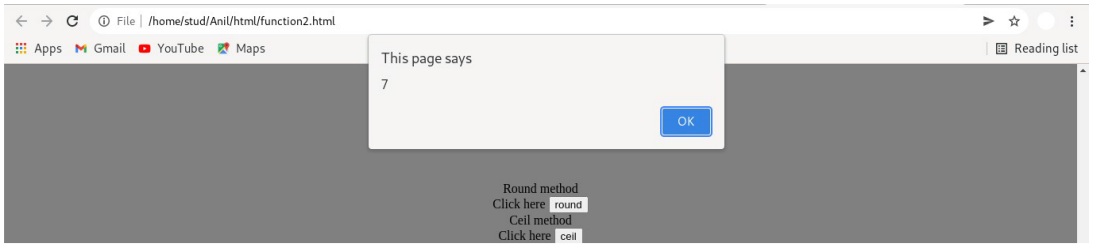
OUTPUT

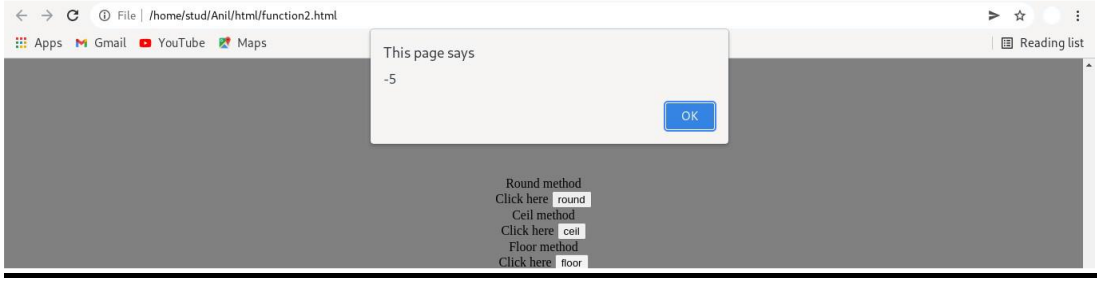



File | /home/stud/Anil/html/function2.html
Apps Gmail YouTube Maps
Reading list
This page says
,Banana
OK
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr


File | /home/stud/Anil/html/function2.html
Apps Gmail YouTube Maps
Reading list
This page says
how are you W3Schools
OK
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace


File | /home/stud/Anil/html/function2.html
Apps Gmail YouTube Maps
Reading list
This page says
5
OK
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc


File | /home/stud/Anil/html/function2.html
Apps Gmail YouTube Maps
Reading list
This page says
7
OK
Round method
Click here round
Ceil method
Click here ceil


File | /home/stud/Anil/html/function2.html
Apps Gmail YouTube Maps
Reading list
This page says
-5
OK
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor

EXPERIMENT 8

AIM

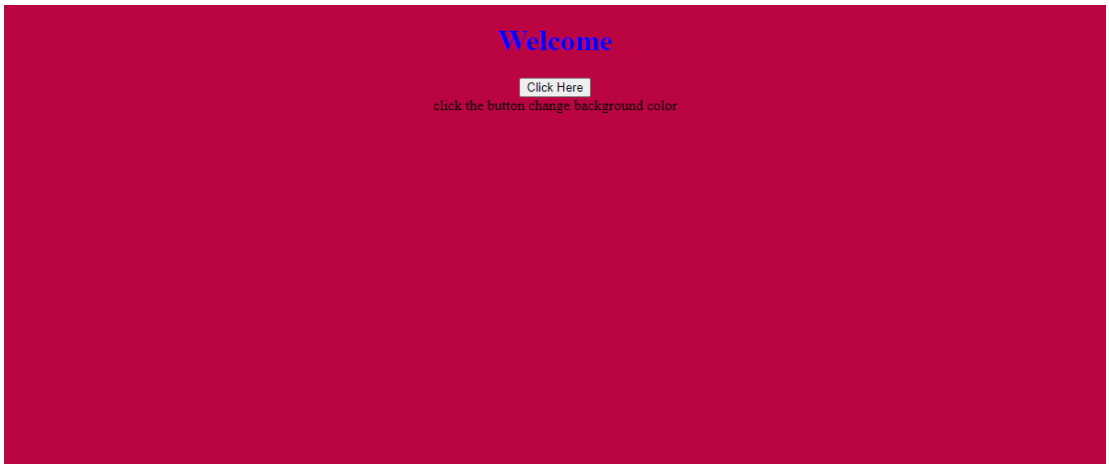
8.Create a HTML page to change the background color for every click of a button using JavaScript Event Handling

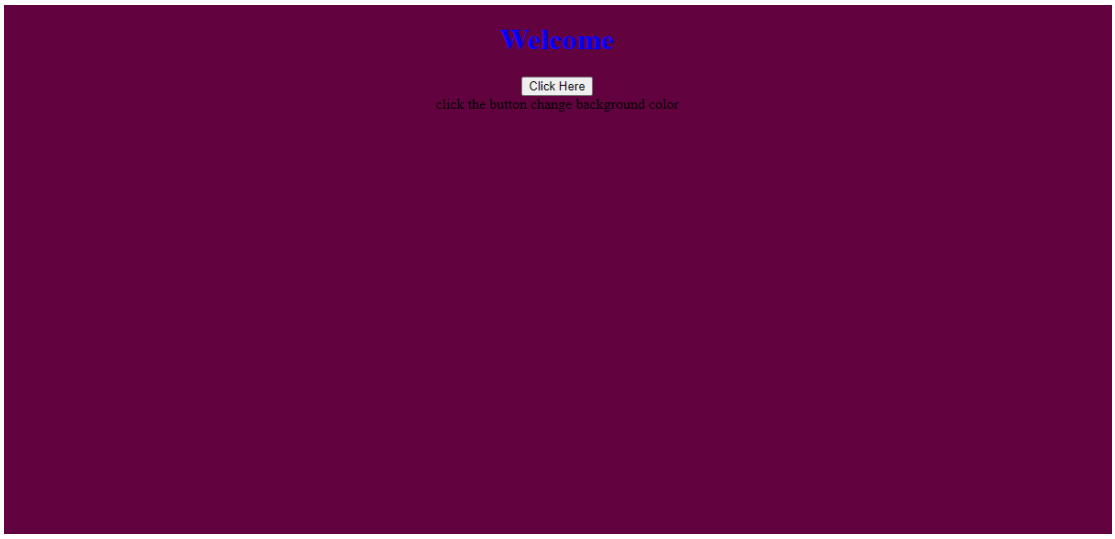
PROGRAM CODE

```
<html>
<head>
<title>
changing the background color
</title>
</head>
<body style = "text-align:center;">
<h1 style = "color:blue;" >
Welcome
</h1>
<button type="button" id="color-button" onclick="changeBg()">Click Here
</button>
<br>
<script>
document.writeln( "click the button change 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





EXPERIMENT 9

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: #E6E6E6;
 }
 </style>
</head>
<body>
<b><u>CALENDAR</u></b><br>
Enter The year : <input type="number" name="cal" id="cal" /><br>
Enter The Month: <input type="number" name="month" id="month" />
<br>  <div id="calendar"></div>
 <script>
 var year = document.getElementById("cal").value; var month =
document.getElementById("month").value; function
getDay(date) {  let day = date.getDay();
 if (day == 0) day = 7;
 return day - 1;
 }
 function createCalendar(elem, 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<
/t  h><th>FRI</th><th>SAT</th><th>SUN</th></tr><tr>';
 4
 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>';
 elem.innerHTML = table;
 }
 createCalendar(calendar, year, month);
 </script>
</body>
</html>
```

OUTPUT

CALENDAR

Enter The year : 2000

Enter The Month: 11

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	*	*	*

AIM

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

PROGRAM CODE

```
<html>

 <head><title>Electricity Board</title></head>

 <body>

 <form align="left" name="bill" action="http://localhost/~stud/program10.1.php" method="post">

 <font color="black">


<h1>          Electri city Board</h1>  <table>

  <tr><th>         Consumer

Number:</th><td><input type="number" name="cno"></td></tr><br><br>
<tr><th>         Customer name  : </th><td><input type="text" name="uname"></td></tr><br><br>

 <tr><th>         Unit
:

</th><td><input type="number" name="unit"><br><br>

 </table>


           &nbs p;&n bsp;     <input type="submit" value="Submit"></td></tr>

 </font>

 </form>

 </body>

</html>
```

Program10.1.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

Program10.html

Electricity Board

Consumer Number: 1110111567
Customer name : Amalraj Joseph
Unit : 1000
Submit

Program10.1.php

Electricity Bill

Name :Amalraj Joseph

Consumer number :1110111567

Price/Unit :4

Unit :1000

Amount :4000

EXPERIMENT 11

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 $arr=array("Abhinav H","Abhinand H","Aswin J","Adarsh M P");
echo 'Arayy $arr :';
echo "     ";
print_r($arr);
echo "<br>";
sort($arr);
echo 'Arayy $arr after sort() :';
echo "     ";
print_r($arr);
echo "<br>";
asort($arr);
echo 'Arayy $arr after asort() :';
echo "     ";
print_r($arr);
?>
```

OUT PUT

```
Arayy $arr :    Array ( [0] => Abhinav H [1] => Abhinand H [2] => Aswin J [3] => Adarsh
M P )
Arayy $arr after sort() :    Array ( [0] => Abhinand H [1] => Abhinav H [2] => Adarsh M P
[3] => Aswin J )
Arayy $arr after asort() :    Array ( [0] => Abhinand H [1] => Abhinav H [2] => Adarsh M
P [3] => Aswin J )
```

EXPERIMENT 12

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("Sachin", "Rahul Dravid","Ganguli"); 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>$Indcricketers[0]</td>

</tr>

<tr>

<td>2</td>

<td>$Indcricketers[1]</td>

</tr>

<tr>

<td>3</td>

<td>$Indcricketers[2]</td>

</tr>";
```

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

OUTPUT

INDIAN CRICKETERS

NO	NAMES
1	Sachin
2	Rahul Dravid
3	Ganguli

EXPERIMENT 13

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

Front page

```
<html>
        <head>
                <title></title>
        </head>
        <body font-size="14">
                <center>Book Database</center>
                <a href="page1.html">Insert a book</a><br>
                <a href="page2.html">Search</a>
        </body>
</html>
```

Page-1

```
<html>
        <head></head>
        <body>
                <center>Insert Book</center>
                <form name="nme" action="ins.php" method="POST"><br><br>
                        Ref. number:<input type="number"
name="num"><br><br>
                        Book name:<input type="text" name="bnme"><br><br>
                        Author:<input type="text" name="auth"><br><br>
                        Edition:<input type="number"
name="ednum"><br><br>
                        Publisher:<input type="text" name="ednum"><br><br>
                        <input type="submit"
value="OK">   
                        <input type="reset" value="Cancel">
                </form>
```

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

Ins.php

```
<?php
        $tc1=$_POST['num'];
        $tc2=$_POST['bnme'];
        $tc3=$_POST['auth'];
        $tc4=$_POST['ednum'];
        $tc5=$_POST['pub']

        $con=new mysqli("localhost", "fisat", "fisat", "fisatdb");
        if($con==true)
                echo "Connection established";
        else
                echo "Connection failed";

        $sql="INSERT INTO  Bdata VALUES($tc1, '$tc2', '$tc3', $tc4,$tc5)";
        if($con->query($sql))
                {
                        echo "Book added";
                }
        else
                echo "Database error";
        $con->close();
?>
```

Page-2

```
<html>
        <head></head>
        <body>
                <form name="sfnme" action="find.php" method="POST">
                <b>Search(Book name):<input type="text"
name="snme"><br><br>
                <input type="submit" value="OK">   
                        <input type="reset" value="Cancel">
                </form>
        </body>
</html>
```

find.php

```
<?php
        $tofnd=$_POST['snme'];
        $con=new mysqli("localhost", "fisat", "fisat", "fisatdb");
        if($con==true)
                echo "Conn. est:";
        else
                echo "XX";
        $sql="SELECT *FROM Bdata WHERE Bname='$tofnd'";
        $con->query($sql);
        $row=$con->query($sql)->fetch_array();
        for($i=0;$i<4;$i++)
        {
         echo $row[$i];
         echo "<br>";
        }
        $con->close();
?>
```

Database(terminal)

Mysql -u fisat -p

Password:fisat

use fisatdb

create table Bdata(Ref_no int(4), Book_name varchar(30), Author varcahar(20), Edition int(2), Publisher varchar(30));

```
+---------+-----------+--------+---------+-----------+
| Ref_num | Book_name | Author | Edition | Publisher |
+---------+-----------+--------+---------+-----------+
|    1001 | qwerty    | asdfgh |       2 | zxcvbn    |
+---------+-----------+--------+---------+-----------+
```

OUTPUT

Book Database

Insert a book
Search

Apps Gmail YouTube Maps

Insert Book

Ref. number:

Book name:

Author:

Edition:

Publisher:

OK Cancel

Search(Book name):

OK Cancel

1001
qwerty
asdfgh
2
zxcvbn

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.

PROGRAME CODE

Page-1

```
<html>
        <head>
        </head>
        <body style="background-color:cyan;color:violet;font-size:50;">
                <center>Airline Database.</center>
                        <form name=fnme1 action="add.php" method="POST"
style="font-size:25;">
Fight Number:<input type="number" name="flnum">
<br><br>
Flight Name:<input type="text" name="flnme"><br><br>
Day:<input type="text" name="flday"><br><br>
Source:<input type="text" name="flsrc"><br><br>
Destination:<input type="text" name="fldst"><br><br>
<input type="submit" value="OK">
    
<input type="reset" value="Cancel">
</form>
</body>
</html>
```

Page-2

```
<html>
        <head></head>
        <form name="fnme2" action="srch.php" method="POST">
        From:<input type="text" name="src">
        To:<input type="text" name="dst">
        <input type="submit" value="Search"><input type="reset" name="Cancel">
</html>
```

add.php

```
<?php
        $tc1=$_POST['flnum'];
        $tc2=$_POST['flnme'];
        $tc3=$_POST['flday'];
        $tc4=$_POST['flsrc'];
        $tc5=$_POST['fldst'];

        $con=new mysqli("localhost","fisat","fisat","fisatdb");
        if($con==true)
                echo "Connection est:";
        else
                echo "CONNECTION FAILED!";
        $cmd="insert into Flight_Info values($tc1,'$tc2','$tc3','$tc4','$tc5')";
        if($con->query($cmd))
                echo "Row added";
        else
                echo "ERROR";
?>
```

srch.php

```
<?php
        $val1=$_POST['src'];
        $val2=$_POST['dst'];

        $con=new mysqli("localhost","fisat","fisat","fisatdb");
        if($con==false)
                echo "CONNECTION ERROR!";

        $sql="SELECT * FROM Flight_Info WHERE Source ='$val1' and
Destination= '$val2'";
        $con->query($sql);
        $row=$con->query($sql)->fetch_array();
        for($i=0;$i<5;$i++)
        {
         echo $row[$i];
         echo "<br>";
        }
        $con->close();
?>
```

Database(terminal)

```
Mysql -u fisat -p
```

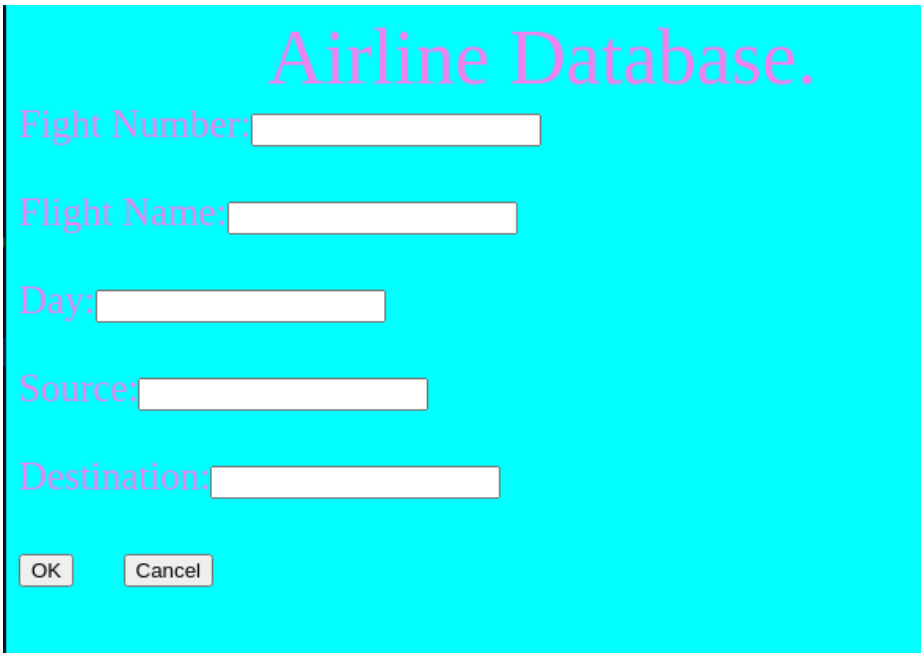
Password:fisat

use fisatdb

create table Flight_Info(Flight_number int(4), Flight_name varchar(30), Day_of_Ooperation varcahar(20), Source varchar(20), Destination varchar(30));

OUTPUT

```
MariaDB [fisatdb]> select * from Flight_Info;
+------------+-------------+------------------+--------+-------------+
| Flight_num | Flight_Name | Day_of_Operation | Source | Destination |
+------------+-------------+------------------+--------+-------------+
|       1001 | Qwert       | monday           | asd    | fgh         |
+------------+-------------+------------------+--------+-------------+
1 row in set (0.000 sec)
```



From: asd To: fgh Search Reset

```
1001
Qwert
monday
asd
fgh
```