PROGRAM 1

Aim: Program to generate a simple HTML file related to your native place to demonstrate the usage of different tags.

Program Code:

```
<html>
<!DOCTYPE html>
<head>
<title>Native</title>
</head>
<body>
<div align="center" style="border:5px solid blue;">
<h1 align="center" style="color:blue"><b><u>KALADY</u></b></h1>
<p align="40%">Kalady is one of the beautiful place that I ever seen.<br>
Kalady is lying on the banks of <b><i style="color:pink">The
Periyar</i></b>. This river increases <br>
the beauty of this small city . Kalady is also known as the birth <br>
place of <b style="color:pink">The Great Adi Sankara</b>.Kalady is the
common way to <br>
Perumbavoor , Ankamaly, and to the Shrine Malayattoor.One of the great
speciality is <br>
the <b style="color :pink">STUPA OF ADISANKARA.</b>
</p>
<p>There are around of 2000 people were live in this place.<br>
Here it is space of peace.</p>
<ul>Major Occupations:
<li>Business</li>
<li>Daily Wagers</li>
</ul>
<img src="/home/ccf/emelsha/stupa.jpeg"width="200px"
height="150x"alt="stupa"><br><br>
```

```html
<h5><a href="https://en.wikipedia.org/wiki/Kalady">Explore
KALADY......</a></h5>

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

Output:

PROGRAM 2

Aim: To create a 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

Program Code:

biodata.html

```
<!DOCTYPE html>
<html>
<head>
<title>
BIODATA
</title>
</head>
<body style="border:2px solid black">
<h2 align="center"><u>BIODATA</u></h2>
<img src="/home/ccf/emelsha/prof.png" alt="Emelsha">
<table>
<h3 style="color:red">PERSONAL DETAILS;</h3>
<tr>
<td style="color:blue">NAME:</td>
<td>Emelsha P.E</td>
</tr>
<tr>
<td style="color:blue">EMAIL:</td>
<td><u>emelshape@gmail.com</u></td>
</tr>
<tr>
<td style="color:blue">ADDRESS:</td>
<td>Pynadath House</td>
</tr>
<tr>
<td style="color:blue">CONTACT:</td>
<td>3455445544</td>
</tr>
<tr>
<td style="color:blue">DOB:</td>
<td>31/08/1999</td>
</tr>
<tr>
<td style="color:blue">BLOODGROUP:</td>
<td>O+VE</td>
</tr>
</table>
<h3 style="color:red">EDUCATIONAL QUALIFICATION;</h3>
<table border="1px solid black">
<tr>
<th style="color:blue">Qualification</th>
```

```
<th style="color:blue">Percentage</th>
<th style="color:blue">Institute</th>
<tr>
<td>SSLC</td><td>99%</td><td>Kerala State</td>
</tr>
<tr>
<td>PLUSTWO</td><td>99%</td><td>Kerala State</td>
</tr>
<tr>
<td>BCA</td><td>99%</td><td>MG University</td>
</tr>
</table>
<br><br>
<a href="bio2.html">CLick here for More Details</a>
<br><br><br>
<a href="bio3.html">CLick here for family Details</a>
<br><br>
</body>
</html>
```

bio2.html

```
<html>
<head>
<title>achievements</title>
</head>
<body>
<h3 style="color:blue">ACHIEVEMENTS;</h3>
<ol>
<li>Rashtrapathi Awards</li>
<li>Internship in Php</li>
</ol>
<h3 style="color:blue">HOBBIES;</h3>
<ul>
<li>Good Music Listener</li>
<li>Reading Stories</li>
</ul>
<a href="biodata.html">PreviousPage....</a>
</body>
</html>
```
bio3.html

```
<html>
<body>
<h3 style=color:"red">Family</h3>
<table border="3px solid black" >
<tr>
<th style="color:blue">Relation</th>
<th style="color:blue">Name</th>
<th style="color:blue">Job</th>
```

```
<tr>
<td>Father</td><td>P.V Eldho</td><td></td>
</tr>
<tr>
<td>Mother</td><td>Leena Eldho</td><td>Company staff</td>
</tr>
<tr>
<td>Sister</td><td>Emelna Eldho</td><td>Student</td>
</tr>
</table>
<br><br>
<a href="biodata.html">PreviousPage....</a>
</body>
</html>
```

Output:

ACHIEVEMENTS;

1. Rashtrapathi Awards
2. Internship in Php

HOBBIES;

- Good Music Listener
- Reading Stories

PreviousPage....

Family

Relation	Name	Job
Father	P.V Eldho	
Mother	Leena Eldho	Company staff
Sister	Emelna Eldho	Student

PreviousPage....

PROGRAM 3

Aim: Create an application form for MCA course in FISAT

Program Code:

Mcaapplication.html

```html
<!DOCTYPE html>

<html><head>

<meta http-equiv="content-type" content="text/html; charset=windows -
1252"><title>mcaapplicationform</title>

<style type="text/css">

label

{

width:150px;

display:inline-block;

}

.mydiv {

border: 20px outset red;

background-color:red;

text-align:center;

}

.mydivT {

border: 20px outset cyan;

background-color:cyan;

text-align:center;

}

.mydivS {

border: 10px outset black;

background-color:black;

text-align:center;

}
```

```
</style> </head> <body style="border:solid black 2px;"><center>MCA
ADMISSION FORM</center> <div class="mydiv">

<img src="myimg1 .png" width="90px" height="80px" align="left">

<h1><font color="white"><center>Federal Institute Of Science And

Technology(FISAT)</font></center></h1 >

</div>

<form>

<div align="center">

<br><label>NAME:</label>

<input name="name" size="20" type="text"><br>

<br><label>&nbsp&nbspADDRESS:</label>

<input name="text" size="30" type="textarea"><br>

<br><label>CITY:</label>

<input name="text" size="20" type="text"><br>

<br><label>STATE:</label>

<input name="text" size="20" type="text"><br>

<br><label>COUNTRY:</label>

<input name="text" size="20" type="text"><br>

<br><label>NATIONALITY:</label>

<input name="text" size="20" type="text"><br>

<br><label>PINCODE:</label>

<input name="number" size="20" type="text"><br>

<br><label>MOBILE :</label>

<input name="number" size="20" type="text"><br>

<br><label>EMAIL</label>

<input name="emailid" size="20" type="email"><br>

<br><label>DATE OF BIRTH</label>

<input name="dob" size="20" type="date"><br>

<br><label>GENDER: </label>

<input name="gen" value="male" type="radio">male
```

```
<input name="gen" value="female" checked="checked" type="radio">female<br>
<br><label>RELIGION:</label>

<select name="religion">

<option selected="selected">--select an option--

</option><option>christian

</option><option>hindu

</option><option>muslim

</option><option>others

</option></select><br><br>

<label>COMMUNITY</label>

<input name="text" size="20" type="text"><br>

<br><label>CATEGORY</label>

<select name="religion">

<option selected="selected">--select an option--

</option><option>General

</option><option>SC

</option><option>ST

</option><option>OBC

</option><option>others

</option>

</select><br>

<br>

<h2><u>FAMILY DETAILS</u></h2>

<br><label>&nbsp&nbspFather's Name:</label>

<input name="name" size="20" type="text"><br>
<br><label>&nbsp&nbspOccupation:</label>

<input name="name" size="20" type="text"><br> <br><label>&nbsp&nbspOfficial
Address:</label>

<input name="name" size="20" type="textarea"><br>
<br><label>&nbsp&nbspPhone:</label>

<input name="number" size="20" type="text"><br> <br>

<br><label>&nbsp&nbspMother's Name:</label>
```

```
<input name="name" size="20" type="text"><br>
<br><label>&nbsp&nbspOccupation:</label>

<input name="name" size="20" type="text"><br> <br><label>&nbsp&nbspOfficial
Address:</label>

<input name="name" size="20" type="textarea"><br>
<br><label>&nbsp&nbspPhone:</label>

<input name="number" size="20" type="text"><br> <br><label>ANNUAL
INCOME:</label>

<input name="number" size="20" type="text"><br><br> </div>

<div align="center">

<a href="mcaApp2.html">Add More Details          </a>

</div>

<br>

<br>

</form>

</body></html>
```

Mcaapp2.html

Program:

```
<html>

<head>

<style>

.mydivT {

border: 20px outset cyan;

background-color:cyan;

text-align:center;

}

.mydivS {

border: 10px outset black;

background-color:black;

text-align:center;

}
```

```
</style>

</head>

<body style="border:solid black 2px;">

<br>

<div class="mydivT">

<h3><center><font color="black">Acadamic Qualification</font></center></h3 >
</div>

<form>

<div align="center">

<br><label>Enter the rank(if available):</label>

<input name="number" size="20" type="text"><br>

<br><label>Tenth%:</label>

<input name="number" size="20" type="textarea"><br>

<br><label>Plus Two%:</label>

<input name="number" size="20" type="text"><br>

<br><label>Whether the student studied mathematics in +2/Degree:</label>

<input name="ms" value="yes" type="radio">YES

<input name="ms" value="no" checked="checked" type="radio">NO<br>

<br><label>Graduation Course taken/Completed</label>

<input name="dg" value="Bcom" type="radio">Bcom

<input name="dg" value="BCA" type="radio">BCA

<input name="dg" value="other" type="radio">other<input name=""name size=20
type="text"><br>

<br><label>Degree Percentage(upto published semester):</label>

<input name="name" size="20" type="text"><br>

<br><label>Semester upto result available:</label>

<input name="text" size="20" type="textarea"><br>

<br><label>Remarks (If previous work experience- give designation, Organization
and experience in years) :</label>

<input name="text" size="20" type="text"><br><br>

</form>
```
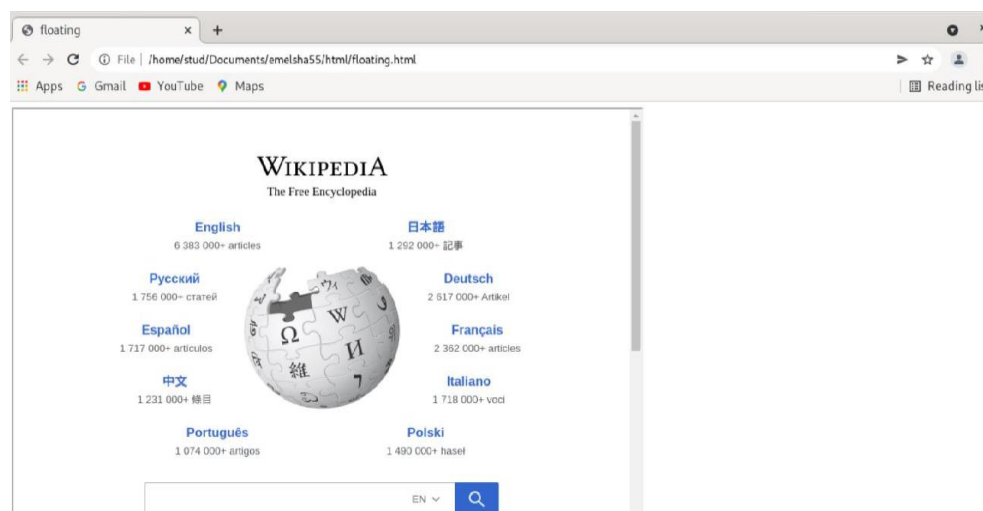
```
<div class="mydivS">

<h3><center><font color="black"></fbnt></center></h3>

</div>

<form>

<br><center><b>SUBMIT THE APPLICATION F ORM:<center><input
type="Submit" name=submit value="Submit">&nbsp<input type="Reset"
name=clear value="Reset"> </form>

</body></html>
```

Output:

RELIGION: --select an option-- ∨

COMMUNITY   [____]

CATEGORY   --select an option-- ∨

FAMILY DETAILS

Father's Name: [____]

Occupation: [____]

Official Address: [____]

Phone: [____]

Mother's Name: [____]

Occupation: [____]

Official Address: [____]

Phone: [____]

ANNUAL INCOME: [____]

Add More Details......

Acadamic Qualification

Enter the rank(if available): [____]

Tenth%: |

Plus TXvo%: [____]

Whether the student studied mathematics in +2/Degree: OYES ®NO

Graduation Course takeʳ Completed OBcom OBCA Oothei|[____]

Degree Percentage(upto published semester): |

Semester upto result available: |

Remarks (If previous work experience- give designation, Organization and experience in years): [____]

SUBMIT THE APPLICATION FORM;
Submit Reset

PROGRAM 4

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

Program Code:

1) Floating Frame

Program:

<!DOCTYPE html>

<html>

<head><title>floating</title></head>

<body>

```
<iframe src="http://www.wikipedia.com" width="800"
height="600"></iframe>
```

</body>

</html>

Output:

2) Navigation frame
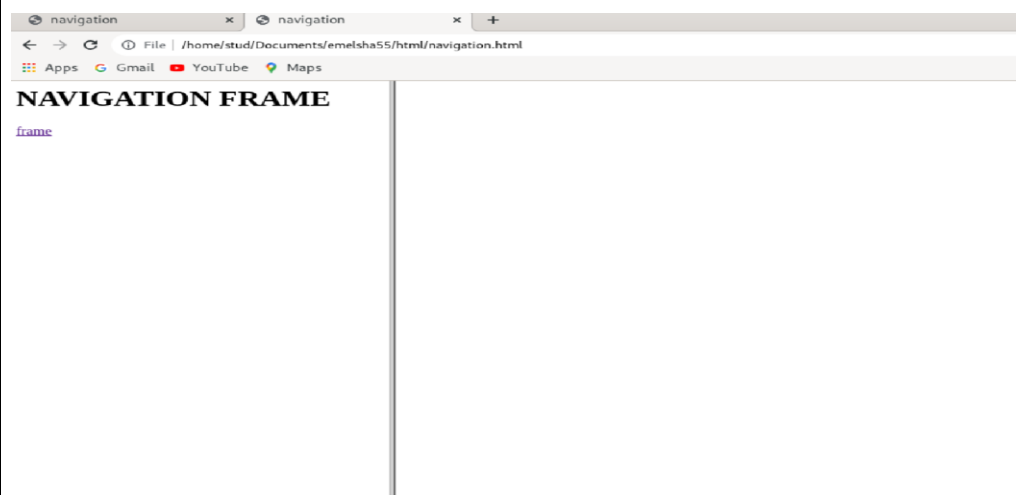
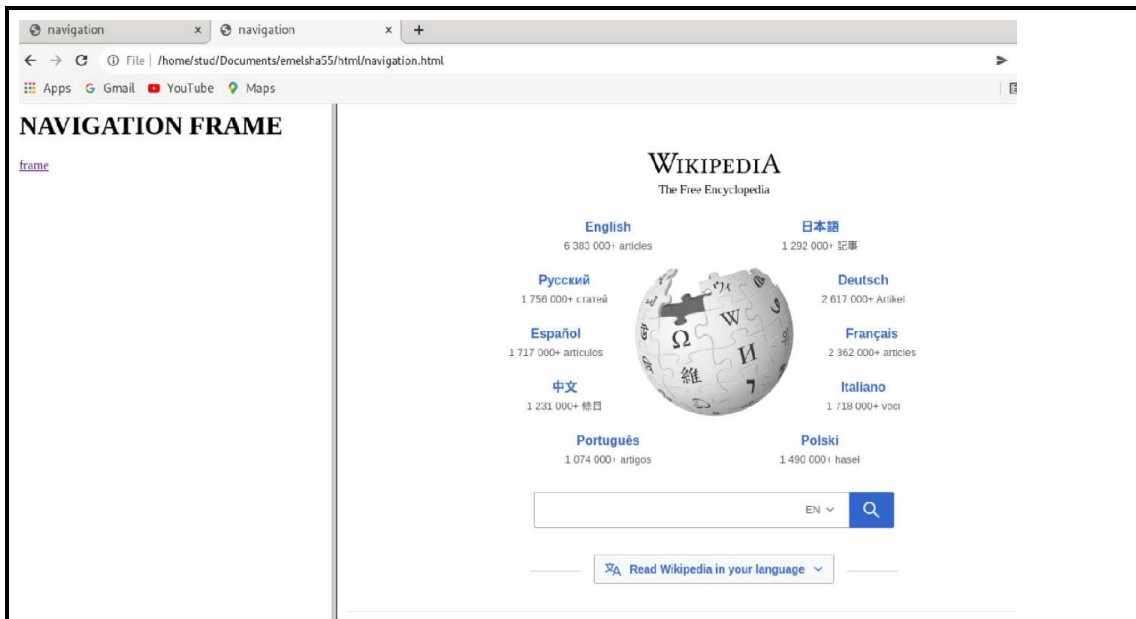Program:

Navigation.html

<html>

<head>

<title>navigation</title>

</head>

<frameset cols="400,*">

<frame src="nav2.html" name="showframe">

<frame name="showframe2">

</frameset>

</html>

Nav.html

<html>

<h1>NAVIGATION FRAME</h1>

frame </html>

Output:

3) Mixed Frame

Program:

```
<html>

<head>

<title>Example of mixed frame</title>

</head>

<frameset>

<frameset rows="250/">

<frame src="https://en.wikipedia.org/wiki/Wiki">

<frameset cols="450/">

<frame src="https://www.fisat.ac.in">

<frame src="https://en.wikipedia.org/wiki/Wiki">

</frameset>

</frameset>
```

<html>

Output:

PROGRAM 5

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

Program Code:

```
<html>

<head><title>style</title>

<style>

h4{color:#2F4CDE;

font-family:arial;}

</style>

<link rel="stylesheet" type="text/css" href="external.css"></head>

<body>

<h1>INLINE STYLING</h1>

<p style="color:red">Hello Good Afternoon</p><p>at augue eget arcu dictum varius duis. Vitae nunc sed velit dignissim sodales ut eu sem. Viverra vitae congue eu consequat ac. Urna neque viverra justo nec ultrices dui sapien. Vulputate mi sit amet mauris commodo quis. Semper risus in hendrerit gravida rutrum quisque.</p>

<h1>INTERNAL STYLING</h1><h4>Hello world</h4>

<p>at augue eget arcu dictum varius duis. Vitae nunc sed velit dignissim sodales ut
```

eu sem. Viverra vitae congue eu consequat ac. Urna neque viverra justo nec ultrices dui sapien. Vulputate mi sit amet mauris commodo quis. Semper risus in hendrerit gravida rutrum quisque.</p>

    <h5 >EXTERNAL   STYLING(backgroundcolor,h1   -color/blue,p-color/purple)</h5>
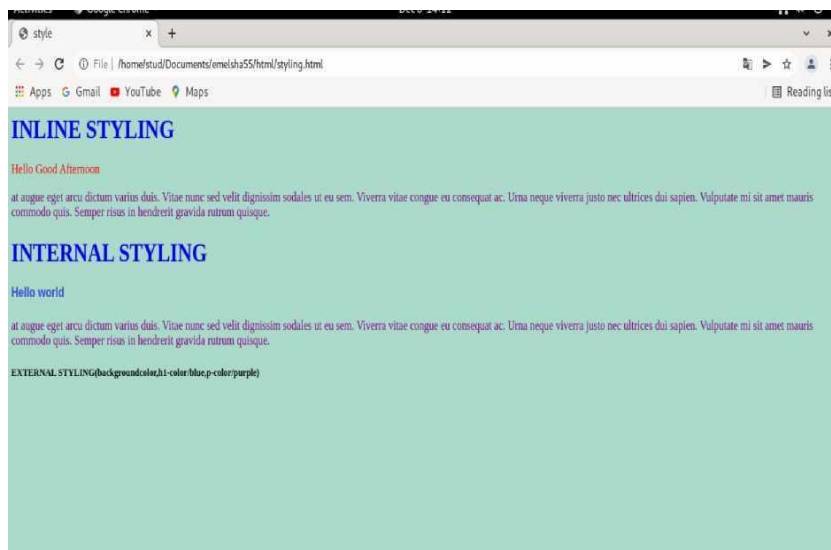
    </body>

    </html>

CSS page: body{background-color:#A9DACA;}

h1{color:blue;}

p{color:purple;}

Output:

PROGRAM 6

Aim: To Create a HTML registration form and to validate the form using JavaScript code

Program Code:

```
<html>

<head>

<script>

function validate(){

var x = document.forms["formname"]["fname","lname"].value;

if(x=="")

{

alert("required name");

}

var x1 = document.forms["formname"]["email"].value;

if(x1=="")

{

alert("required email");

}

}

var x2 = document.forms["formname"]["phone"].value;

if(x2=="")

{

alert("required phone number");

}

</script>

</head>

<body   style="border:3px   solid   black;width:500px;margin:450px;margin-
```

```
top:100px;">
        <form name="formname" method="post" onsubmit="validate()">
        <div align="center">
                <br><br>
                <h2>REGISTRATION FORM</h2>
                <label>First Name:</label>
                <input name="fname" type="text" ><br>
                <br>
                <br>
                <label>Last Name:</label>
                <input name="lname" type="text" ><br>
                <br>
                <br>
                <label>DOB:</label>
                <input name="dob" type="date" ><br>
                <br>
                <br>
                <label>Email:</label>
                <input name="email" type="email" ><br>
                <br>
                <br>
                <label>Password:</label>
                <input name="pwd" type="password" ><br>
                <br>
                <br>
                <label>Confirm Password:</label>
```

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

<br>

<br>

<label>Mobile:</label>

<input name="phone" type="number" ><br>

<br>

<br>

<input type="submit" value="SIGNUP">

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

Output:

PROGRAM 7

Aim: Create a HTML page to explain the use of various predefined functions in a string and math objects in JavaScript.
(String Functions- Length,slice, substring,substr,replace,toUppercase,toLowercase,concat,trim,charAt,convert string to array,indexof, search,includes)
(Math Functions- round,ceil,floor,trunc,sign, pow,sqrt,abs,sin,cos,min,max,random,log)

Program code:

math.html

```
<html>
<head>
<title>Program7</title>
</head>
<body>
<h3><u>Length</u></h3>
<p id="pgm"></p>
<h3><u>Slice</u></h3>
<p id="pgm1"></p>
<script>
var name = "EMELSHA";
document.getElementById("pgm").innerHTML = name.length;
document.getElementById("pgm1").innerHTML = name.slice(2,5);
</script>
<h3><u>SubString</u></h3>
<p id="pgm2"></p>
<h3><u>SubStr</u></h3>
<p id="pgm3"></p>
<script>
let str = "eye, ears, nose";
document.getElementById("pgm2").innerHTML = str.substring(4,9);
```

```
document.getElementById("pgm3").innerHTML = str.substr(4,3);

</script>

<h3><u>Replace</u></h3>

<p id="pgm4">lets fly high and high</p>

<script>

function myfun()

{

var str = "lets fly high and high";

document.getElementById("pgm4").innerHTML = str.replace(/high/g , "up");

}

</script>

<button onclick="myfun()">click here</button>

<h3><u>ToUppercase</u></h3>

<p id="pgm5">emelsha</p>

<script>

function myfun1()

{

var str = "emelsha";

document.getElementById("pgm5").innerHTML = str.toUpperCase();

}

</script>

<button onclick="myfun1()">click here</button>




<h3><u>ToLowercase</u></h3>

<p id="pgm6">EMELSHA</p>

<script>

function myfun2()

{

var str1 = "EMELSHA";
```

```
document.getElementById("pgm6").innerHTML = str1.toLowerCase();
}
</script>
<button onclick="myfun2()">click here</button>
<h3><u>Concat</u></h3>
<script>
var txt1 = "Emelsha";
var txt2 = "Emelna";
var txt3 = txt1.concat(" ",txt2);
document.write(txt3);
</script>
<h3><u>Trim</u></h3>
<script>
var txt1 = "    Emelsha          emelu         ";
var txt2 = txt1.trim();
document.write(txt2);
</script>


<h3><u>CharAt</u></h3>
<script>
var word="Wipro";
var word1 = word.charAt(1);
document.write(word1);
</script>
<h3><u>IndexOf</u></h3>
<script>
var wrd = "Microsoft is an American Company";
document.write(wrd, "<br>");
let res = wrd.indexOf("is");
document.write(res);
```

```
</script>
<h3><u>Search</u></h3>
<script>
var wrd1 = "Gandhiji is the father of nation";
document.write(wrd1, "<br>");
let pos = wrd1.search("nationality");
document.write(pos);
</script>
<h3><u>includes</u></h3>
<script>
var texts = "Gandhiji is the father of nation";
document.write(texts,"<br>");
let inc = texts.includes("of");
document.write(inc);
</script>
<h3><u>string to array</u></h3>
<script>
const name="abi";
list=Array.from(name);
document.write("[",list,"]");
</script>
</body>
</html>
```

math1.html

```
<html>
<head>
<title>pgm7_math</title>
</head>
<body>
<h2>Round_Ceil_Floor_trunc_sign_pow_sqrt_abs_sin_cos_min_max_log</h2>
```

```
<script>
let x= Math.round(3.1);
document.write("rounded value",x);
let y= Math.ceil(10.5);
document.write("<br> ceil value",y);
let z= Math.floor(10.5);
document.write("<br> floor value",z);
let a= Math.trunc(11.5);
document.write("<br> trunc value",a);
let b= Math.sign(-90);
document.write("<br> sign is",b);
let c= Math.pow(10,3);
document.write("<br> power is",c);
let d= Math.sqrt(4);
document.write("<br> square is",d);
let e= Math.abs(-3.3);
document.write("<br> absolute value",e);
let f=Math.sin(90 * Math.PI / 180);
document.write("<br> sin value",f);
let g=Math.cos(0 * Math.PI / 180);
document.write("<br> cos value",g);
let h=Math.min(1, 6, 0 -9);
document.write("<br> min value",h);
let i=Math.max(1, 6, 0 -9);
document.write("<br> max value",i);
let j= Math.log(1);
document.write("<br> log value",j);
</script>
<h2>Random</h2>
<p id="ran"></p>
```

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

Output:

Length

7

Slice

ELS

SubString

ears

SubStr

ea

Replace

lets fly high and high

click here

ToUppercase

emelsha

click here

ToLowercase

EMELSHA

click here

Concat

Emelsha Emelna

Trim

Emelsha emelu

CharAt

i

IndexOf

Microsoft is an American Company
10

Search

Gandhiji is the father of nation
-1

includes

Gandhiji is the father of nation
true

string to array

[a,b,i]

Round_Ceil_Floor_trunc_sign_pow_sqrt_abs_sin_cos_min_max_log

rounded value3
ceil value11
floor value10
trunc value11
sign is-1
power is1000
square is2
absolute value3.3
sin value1
cos value1
min value-9
max value6
log value0

Random

0.5282566971563107

___

PROGRAM 8

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

Program code:

```
<!DOCTYPE HTML>
<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 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>
```
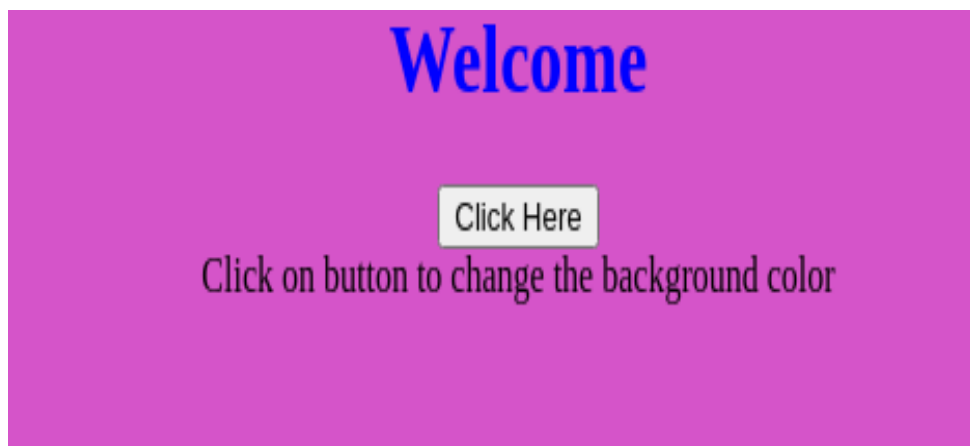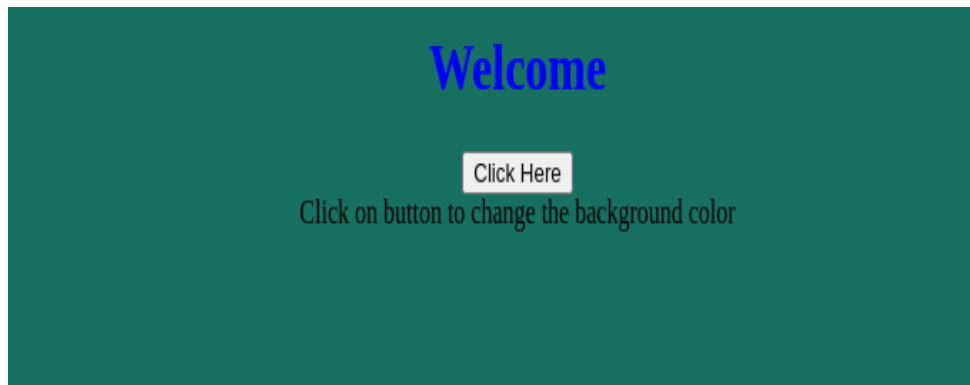
Output:

PROGRAM 9

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

Program code:

```
 CALENDAR
<!DOCTYPE HTML>
<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:

PROGRAM 10

<u>Aim</u>: Compose Electricity bill from user input based on a given tariff using PHP.

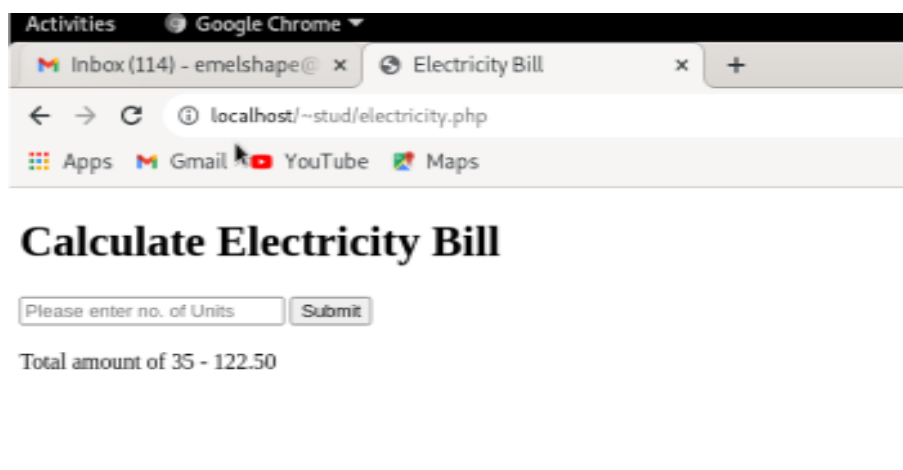**Program code:**

```
<!DOCTYPE html>
<head>
<title>Electricity Bill</title>
</head>

<?php
$result_str = $result = '';
if (isset($_POST['unit-submit'])) {
$units = $_POST['units'];
if (!empty($units)) {
$result = calculate_bill($units);
$result_str = 'Total amount of ' . $units . ' - ' . $result;
}
}

function calculate_bill($units) {
$unit_cost_first = 3.50;
$bill = $units * $unit_cost_first;
return number_format((float)$bill, 2, '.', '');
}

?>

<body>
<div id="page-wrap">
<h1>Calculate Electricity Bill</h1>
<form action="" method="post" id="quiz-form">
<input type="number" name="units" id="units" placeholder="Please enter no. of
Units
<input type="submit" name="unit-submit" id="unit-submit" value="Submit" />
</form>
<div><?php echo '<br />' . $result_str; ?></div></div></body></html>
```

Output:

PROGRAM 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
<?php
$stud=array("Emelsha","Elsa","Elizaba");
echo "List of Students";
print_r($stud);
echo "<br>";
echo "Sorted list:";
echo "<br>";
arsort($stud);
print_r($stud);
echo "<br>";
echo "Reverse list:";
echo "<br>";
asort($stud);
print_r($stud);
?>
```

Output:

List of StudentsArray ([0] => Emelsha [1] => Elsa [2] => Elizaba)
Sorted list:
Array ([0] => Emelsha [1] => Elsa [2] => Elizaba)
Reverse list:
Array ([2] => Elizaba [1] => Elsa [0] => Emelsha)

PROGRAM 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:

```php
<!DOCTYPE html>

<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

PROGRAM 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:

book.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="add_action.php" method="POST">
<center><b><u>Enter Book Details</u></b><br><br>
<table border="1" cellpadding="6" cellspacing="2" align="center">
<tr>
<td>
Access Number:</td><td><input type="text" name="num">
</td></tr><tr><td>
Title:</td><td><input type="text" name="tit">
```

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

add_action.php

```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"; }
$sql="INSERT INTO booksystem VALUES($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="search_action.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">
```
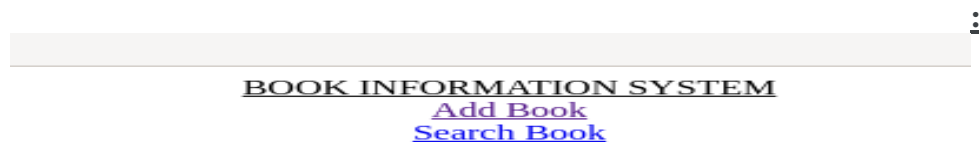
```
</center>
</form>
</body>
</html>
search_action.php
<?php
$title=$_POST['txt'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from booksystem where title='$title'";
if($result=$con->query($sql))
{
if($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();
?>
```
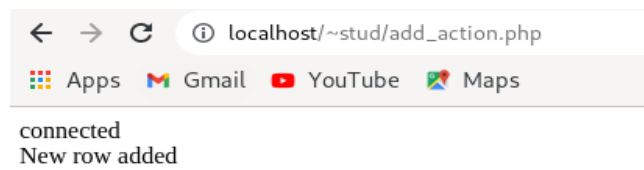
Output

BOOK INFORMATION SYSTEM
Add Book
Search Book

Enter Book Details

Access Number:	10023
Title:	Php for beginners
Author:	K Ram Kumar
Edition:	2
Publisher:	BC publications
Submit	Reset

← → C   ⓘ localhost/~stud/add_action.php

▦ Apps   M Gmail   ▶ YouTube   📍 Maps

connected
New row added

SEARCH A BOOK

Enter book title: Php for beginners

Submit

connected 10023:Php for beginners:K Ram Kumar:2:BC publications

```
MariaDB [fisatdb]> desc booksystem;
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| accessnumber | int(20)     | NO   | PRI | NULL    |       |
| title        | varchar(25) | NO   |     | NULL    |       |
| author       | varchar(25) | NO   |     | NULL    |       |
| edition      | int(20)     | NO   |     | NULL    |       |
| publisher    | varchar(30) | NO   |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
5 rows in set (0.001 sec)
```

```
MariaDB [fisatdb]> select * from booksystem;
+--------------+------------------+-------------+---------+-----------------+
| accessnumber | title            | author      | edition | publisher       |
+--------------+------------------+-------------+---------+-----------------+
|            1 | abc              | ght         |      45 | ddd             |
|            2 | sd               | as          |      88 | ddd             |
|            3 | xxx              | yyy         |       9 | klk             |
|        10023 | Php for beginners| K Ram Kumar |       2 | BC publications |
+--------------+------------------+-------------+---------+-----------------+
4 rows in set (0.000 sec)
```

PROGRAM 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:

home.html

```html
<html>
<body>
<div style="border: solid black 6px;height:5cm;width:10cm;margin-left: 550px;";>
<form>
<h1 align=center><u>AIRLINE ENQUIRY</u></h1></h1></h1>
<table border=2 cellpadding=10 cellspacing=10  align=center>
<tr>
<td><font size=5><a href="information.html"
target="f3">INFORMATION</a></font></td>
<td><font size=5><a href="search_flight.html"
target="f3">DISPLAY</a></font></td>
</tr>
</table>
</form>
</div>
</body>
</html>
```

information.html

```html
<html>
<body>
<div style="margin-left: 150px;";>
<form name="frm1" action="enq_action.php" method="POST">
<h1 align=center><u>AIRLINE ENQUIRY</u></h1></h1></h1>
<table border=2 cellpadding=10 cellspacing=10  align=center cellspacing=10>
    <tr><td colspan=3><h1>Booking Information</h1></td></tr>
    <tr><td>Flight no:</td><td colspan=2><input type="number" name="num">
    <tr><td>Flight Name:</td><td colspan=2><input type="text" name="name">
    <tr><td>Source:</td><td colspan=2><input type="text" name="source">
    <tr><td>Destination:</td><td colspan=2><input type="text" name="dest">
    <tr><td>Date & Time of Departure:</td><td colspan=2><input type="datetime-
local" name="dt">
    <tr><td><input type="submit" name="Submit"></td>
    <td><input type="reset" name="Reset"></td></tr>
</table>
</form>
</div>
</body>
</html>
```

enq_action.php

```php
<?php
```

```php
$num=$_POST['num'];
$name=$_POST['name'];
$source=$_POST['source'];
$dest=$_POST['dest'];
$date=$_POST['dt'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{ echo "Failed to connect"; }
else
{ echo "connected"; }
$sql="INSERT INTO airline VALUES($num,'$name','$source','$dest','$date')";
if($con->query($sql))
{
echo "<BR>";
echo 'New row added';
}
else
{
echo "ERROR:could not execute query";
}
$con->close();
?>
```

search_flight.html

```html
<html>
<body>
<div style="margin-left: 150px;";>
<form name="frm" action="asearch_action.php" method="POST">
<h1 align=center><u>SEARCH A FLIGHT</u></h1></h1></h1>
<table border=2 cellpadding=10 cellspacing=10  align=center cellspacing=10>
    <tr><td>Source:</td><td><input type="text" name="srs"></td>
    </tr>
    <tr><td>Destination:</td><td><input type="text" name="des"></td>
    </tr>
    <tr>
    <td><input type="submit" name="Submit"></td>
    </tr>
    </table>
    </form>
    </body>
    </html>
```
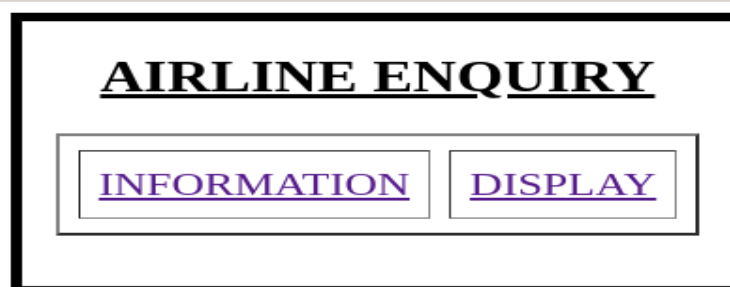
asearch_action.php
```php
<?php
$source=$_POST['srs'];
```

```php
$destination=$_POST['des'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from airline where source='$source' and destination='$destination'";
if($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 flight"; }
}
else
{ echo "\nError:could not connect"; }
$con->close();
?>
```

Output:

Apps M Gmail ▶ YouTube 🗺 Maps

connected 1:AirIndia:cochin:banglore:2022-03-18 17:24:00

```
MariaDB [fisatdb]> create table airline(flightno integer(10) NOT NULL PRIMARY KEY,flightname varchar(20) NOT NULL,source varc
ar(30) NOT NULL,destination varchar(30) NOT NULL,date datetime NOT NULL);
Query OK, 0 rows affected (0.149 sec)

MariaDB [fisatdb]> desc airline;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| flightno    | int(10)     | NO   | PRI | NULL    |       |
| flightname  | varchar(20) | NO   |     | NULL    |       |
| source      | varchar(30) | NO   |     | NULL    |       |
| destination | varchar(30) | NO   |     | NULL    |       |
| date        | datetime    | NO   |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
```

```
MariaDB [fisatdb]> select * from airline;
+----------+---------------+--------+-------------+---------------------+
| flightno | flightname    | source | destination | date                |
+----------+---------------+--------+-------------+---------------------+
|        1 | AirIndia      | cochin | banglore    | 2022-03-18 17:24:00 |
|    20023 | Qatar Airways | Qatar  | Delhi       | 2022-03-31 18:42:00 |
|   100234 | SpiceJet      | Mumbai | Dubai       | 2022-03-19 16:35:00 |
+----------+---------------+--------+-------------+---------------------+
3 rows in set (0.001 sec)
```