AIM

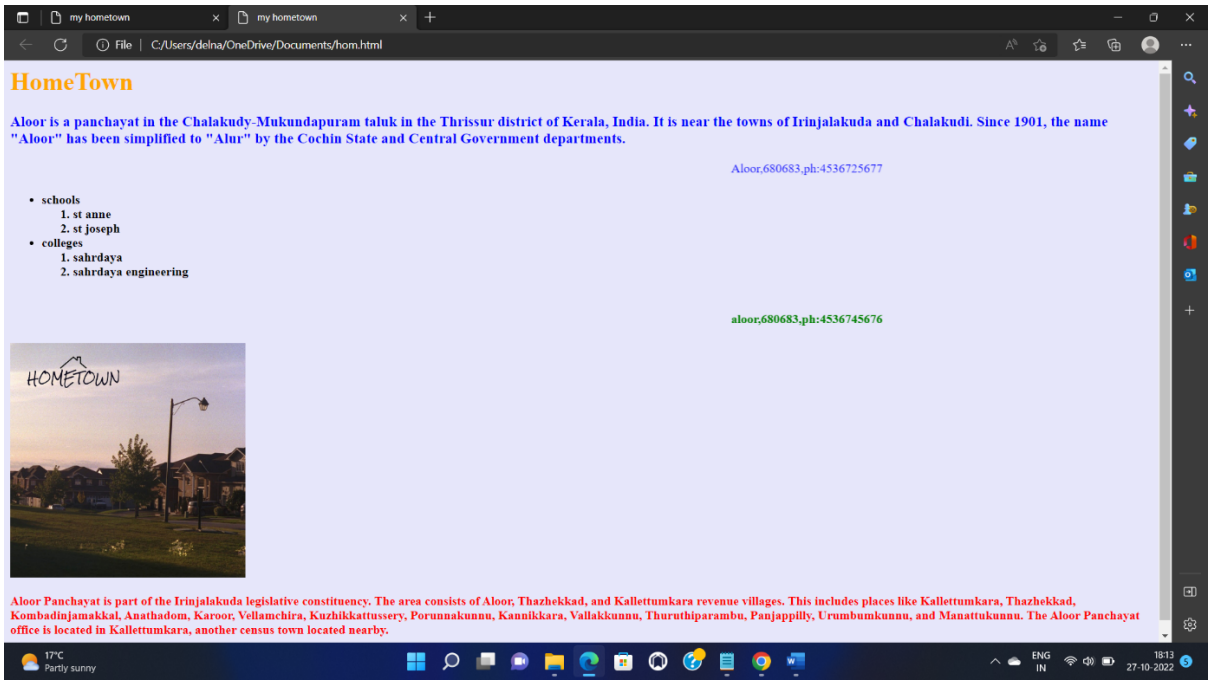
Model a simple HTML file describing your hometown (demonstrate the use of different tags).

Program Code

```
<html>
<head>
<title>my hometown</title>
</head>
<body bgcolor="lavender">
<h1><font color="orange">HomeTown</font></h1>
<p><font color="blue">
<h3>Aloor  is a panchayat in the Chalakudy-Mukundapuram taluk in the Thrissur district of Kerala, India.
 It is near the towns of Irinjalakuda and Chalakudi.
 Since 1901, the name "Aloor" has been simplified to "Alur" by the Cochin State and Central Government departments.</h3></font></p>
<marquee ><font color="blue">Aloor,680683,ph:4536725677</font></marquee>
<ul><h4>
<li>schools</li>
<ol>
<li>st anne</li>
<li>st joseph</li>
</ol>
<li>colleges</li>
<ol>
<li>sahrdaya</li>
<li>sahrdaya engineering</li>
</ol>
</h4>
</ul>
<marquee><font color="green"><h4>aloor,680683,ph:4536745676</h4></font></marquee>
```

```
<img src="delna.jpeg" width="300" height="300">

<p><h4><font color="red">Aloor Panchayat is part of the Irinjalakuda legislative constituency.

The area consists of Aloor, Thazhekkad, and Kallettumkara revenue villages.

This includes places like Kallettumkara, Thazhekkad, Kombadinjamakkal, Anathadom, Karoor, Vellamchira,

Kuzhikkattussery, Porunnakunnu, Kannikkara, Vallakkunnu, Thuruthiparambu, Panjappilly, Urumbumkunnu, and Manattukunnu.

The Aloor Panchayat office is located in Kallettumkara, another census town located nearby.</font></h4></p>


</body>

</html>
```

Output



AIM

Create a webpage for displaying your biodata which contains images, tables, and also link within a page

Program Code

Bio.html

```
<html>
<head>
<title>bio</title>
</head>
<body bgcolor="Aquamarine" text ="black">
<h1 align="center"> <font color="Crimson"><u>BIO-DATA</u></font></h1>
<img src>
<h2>
Name:manu<br>
course:MCA<br><br><br>
<br>

<a href="personal.html">Personal details</a><br>
<a href="Acadamic.html">Acadamic details</a></h2>
</body>
</html>
```

personal.html

```
<html>
<head>
<title>details</title>
</head>
<body bgcolor="Plum">
```

```
<h2 align="center"><u>PERSONAL DETAILS</u></h2>
<img align="right" src=" ph.jpeg ">
<h2><br><br>
Name: Manu<br>
Course: MCA<br>
Age: 21<br>
Gender: male<br>
Date of Birth: 18/01/2001<br>
Place: kozhikode<br>
Ph: 9846183122<br>
Email id: manu45d@gmail.com<br>
Father name: Denny C.G<br>
Mother name: Swapna Denny<br></h2>
<br>
<br><h3>
<a href="bio.html">Back to Homepage</a></h3>
</body>
</html>
```

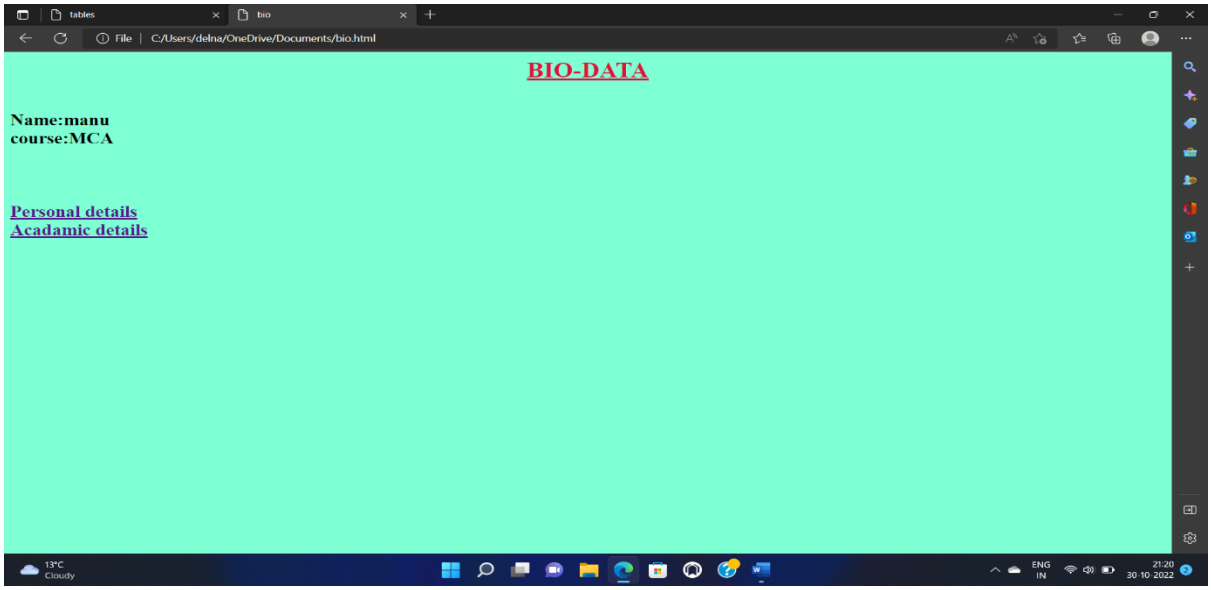
Acadamic.html

```
<html>
<head>
<title>tables</title>
</head>
<body bgcolor="LightBlue">
<h1 align="center"><font color="DarkBlue"><u>Academic
Details</u></font></h1><br><br><br>
<table border="5" style="width:50%" cellspacing="15" cellpaddin="15" align="center" >
<h2>
<tr>
<th bgcolor="LawnGreen">course</th>
<th bgcolor="LawnGreen">year</th>
```

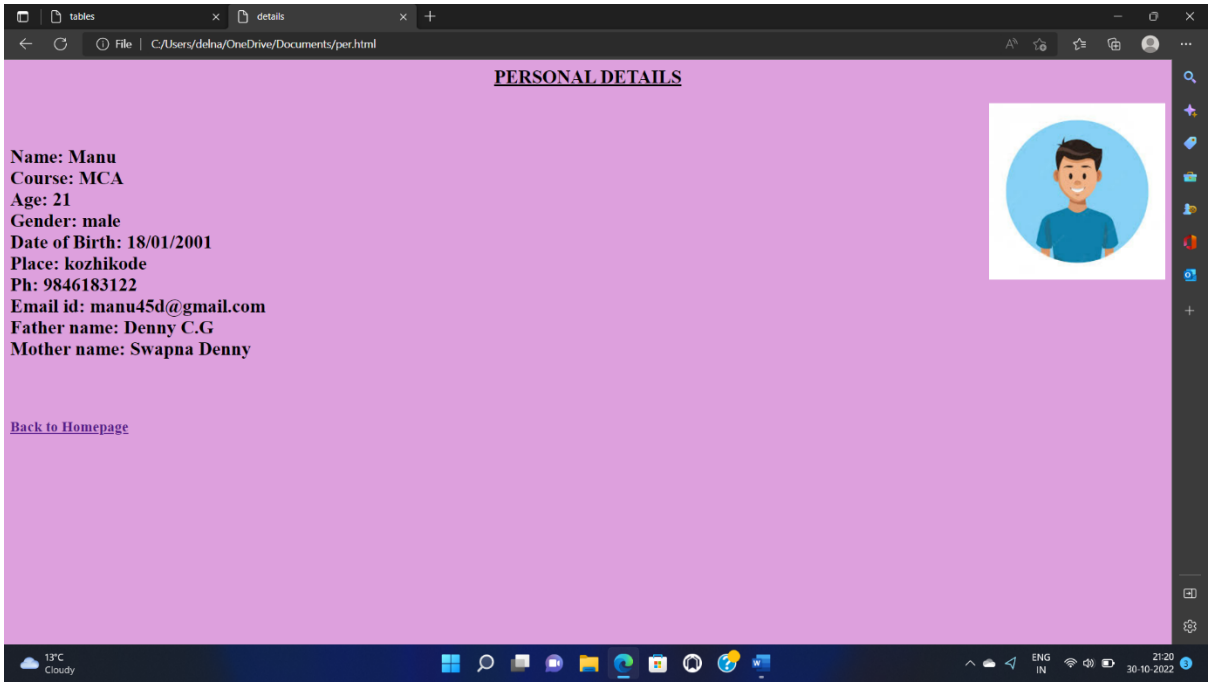
```
<th bgcolor="LawnGreen">percentage</th>
</tr>
<tr style="height:50px">
<td>10th</td>
<td>2017</td>
<td>92%</td>
</tr>
<tr style="height:50px">
<td>12th</td>
<td>2019</td>
<td>86%</td>
</tr>
<tr style="height:50px">
<td>BCA</td>
<td>2022</td>
<td>85%</td>
</tr>
</h2>
</table>
<br>
<br><h3>
<a href="bio.html">Back to Homepage</a></h3>
</body>
</html>
```

Output

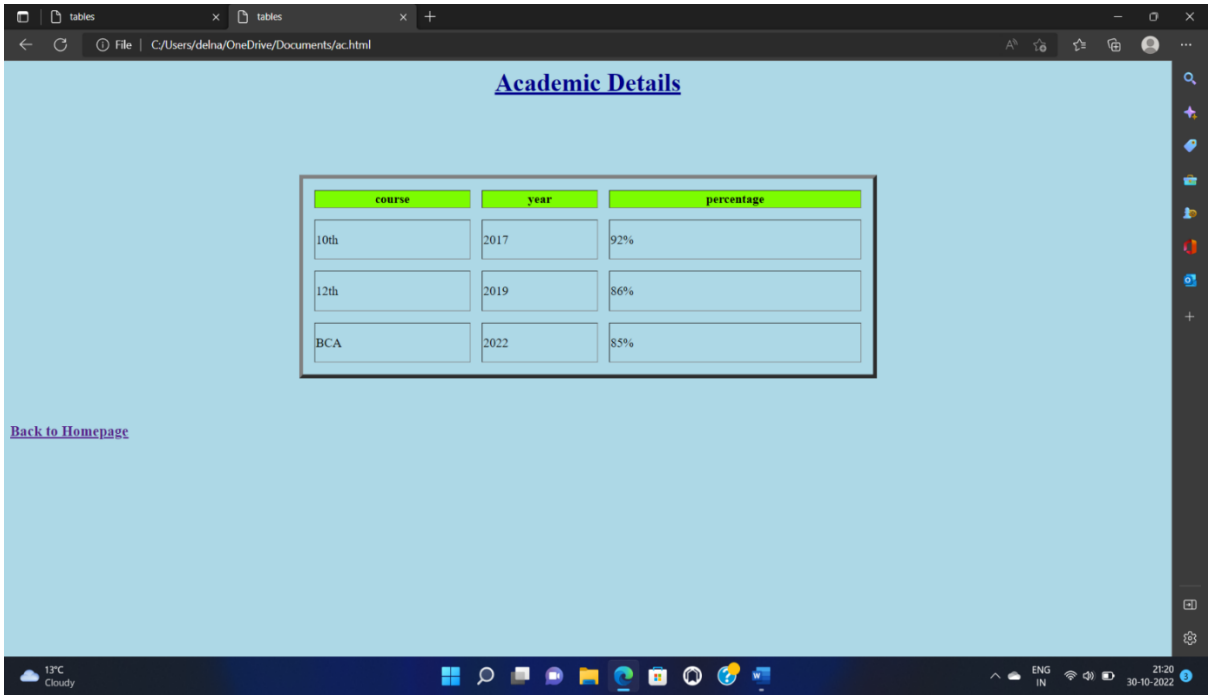
Bio.html



personal.html



Acadamic.html



AIM

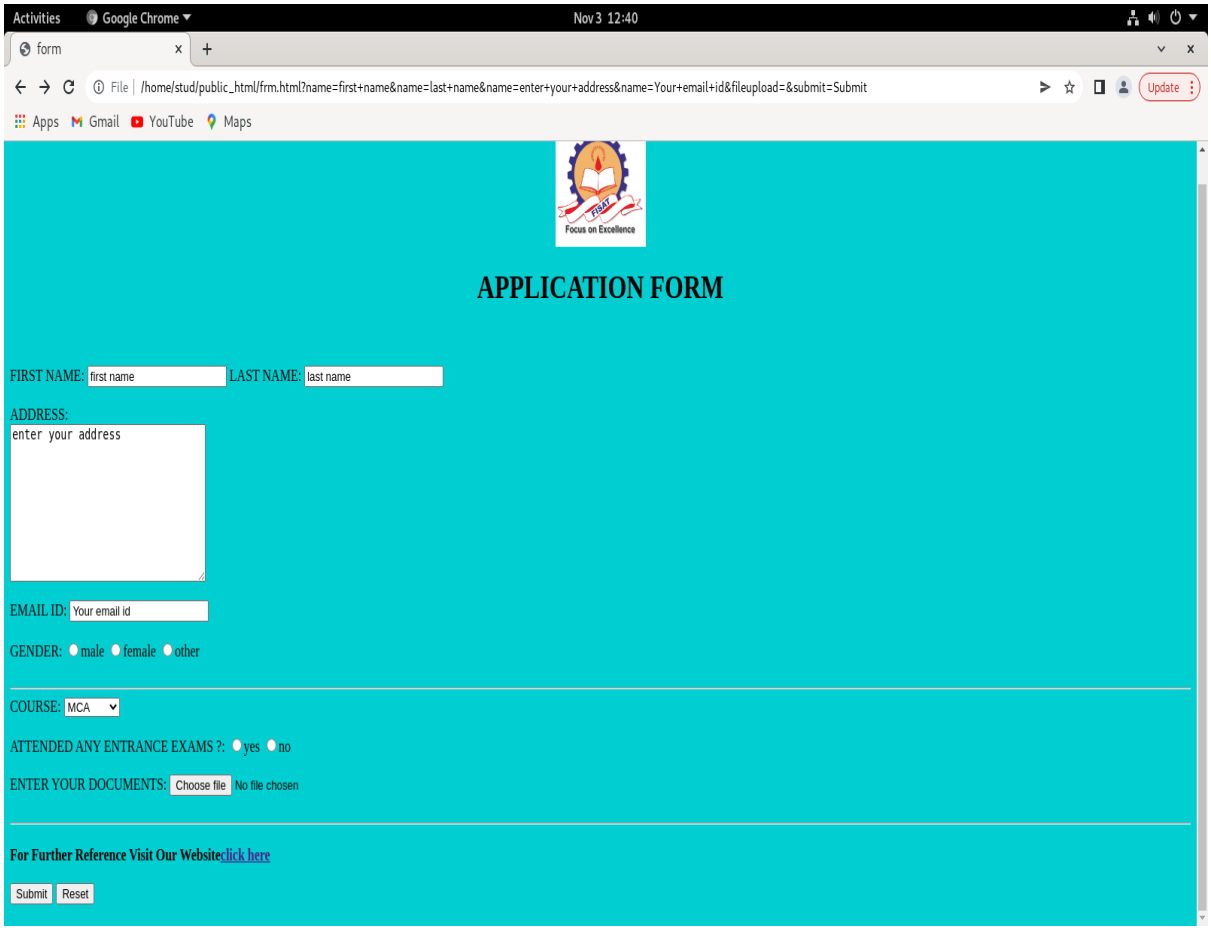
Design an application form for MCA course in FISAT using HTML.

Program Code

```
<html>
<head>
<title>form</title>
</head>
<body bgcolor=" DarkTurquoise " text=" black">
<center><img src="index.png" ></center>
<h1 align="center">APPLICATION FORM</h1><br><br>
<form>
FIRST NAME:
<input type="text" name="name" value="first name">
LAST NAME:
<input type="text" name="name" value="last name"><br>
<br>
ADDRESS:<br>
<textarea name="name" value="Your Address" rows="10" cols="30">enter your
address</textarea><br>
<br>
EMAIL ID:
<input type="text" name="name" value="Your email id" >
<br><br>
GENDER:
<input type="radio" name="gender" value="male" >male
<input type="radio" name="gender" value="female">female
<input type="radio" name="gender" value="other">other
<br><br>
<hr>
COURSE:
<select>
<option>MCA</option>
<option>MBA</option>
<option>M-TECH</option>
<option>B-TECH</option>
<option>MSC CS</option>
</select>
<br><br>
ATTENDED ANY ENTRANCE EXAMS ?:
<input type="radio" name="exam" value="yes" >yes
<input type="radio" name="exam" value="no">no<br>
<br>
ENTER YOUR DOCUMENTS:
<input type = "file" name = "fileupload" accept = "image/*" /><br>
```

```
<br>
<hr>
<h4>For Further Reference Visit Our Website<a href="https://fisat.ac.in/">click
here</a><br>
<br>
<input type="submit" name="submit"> <input type = "reset" name = "reset"  value = "Reset"
/>

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

Output



AIM

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

Program Code

Main .html

```
<html><head><title>main page</title></head>
<body bgcolor=" cyan">
<h1><center>Differnt frames in html</h1>
<h2>
<a href="frame.html" target="mainF">navigation</a><br><br>
<a href="ifr.html" target="mainF">floating frame</a><br>
<a href="mixed.html" target="mainF">mixed frame</a><br></h2>
</center></body>
</html>
```

Navigation.html

```
<html>
<head><title>Navigation Bar</title></head>
<body bgcolor="DodgerBlue"><center>
<a href="course.html" target="mainF">HTML Course</a><br><br>
<a href="paragraph.html" target="mainF">Paragraphs</a><br>
<a href="headings.html" target="mainF">Headings</a><br>
<a href="intro.html" target="mainF">Home</a><br>
</center></body>
</html>
```

Ifr.html

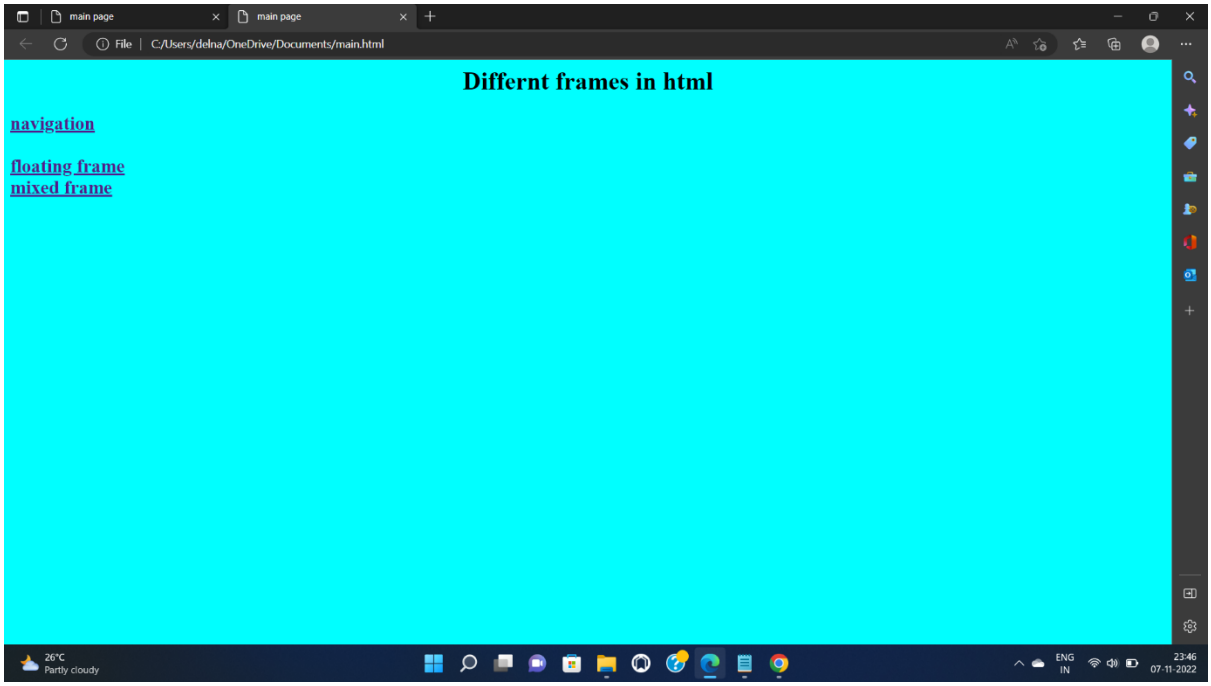
```
<html>
<head>
<title>iframe</title>
</head>
<body bgcolor="Aquamarine">
<h1 align="center"> Departments</h1>
<h3>
FISAT College Departments
<ul>
<li>Civil Engineering</li>
<li>Computer Science and Engineering</li>
<li>Electrical and Electronics Engineering</li>
<li>Electronics and Communication Engineering</li>
<li>Electronics and Instrumentation Engineering</li>
<li>Mechanical Engineering</li>
<li>Business Administration</li>
<li>Computer Applications</li>
<li>Science and Humanities</li>
</ul>
<iframe src="course.html"></iframe>
<p>Federal Institute of Science and Technology (FISAT) is a self-financing engineering institute established in the year 2002 by the Federal Bank Officers Association Education Society (FBOAES).
It is approved by the All India Council for Technical Education (AICTE) and affiliated to Kerala Technological University (KTU) and Mahatma Gandhi University, Kottayam</p>

<a href="main.html">back</a>
</body>
</html>
```

Mixed.html

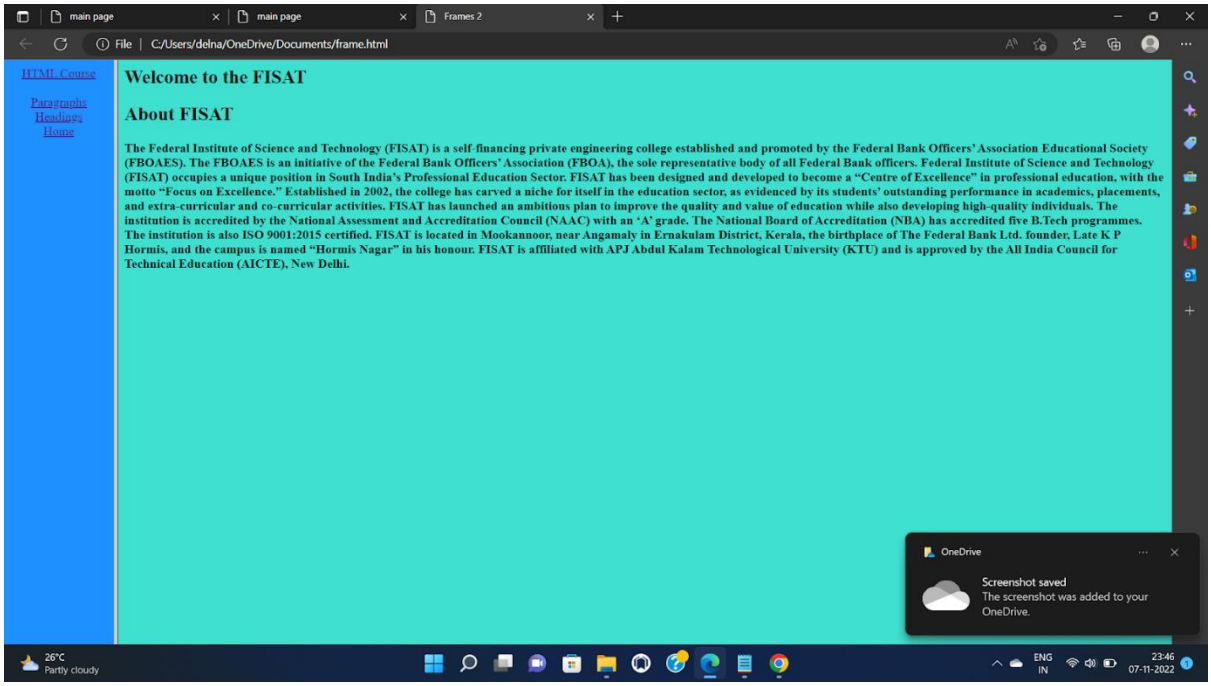
```
<html>
<head><title>Frames 2</title></head>
<frameset cols="140,*">
<frame name="navF" src="navigation.html">
<frameset rows="30%,70%">
<frame name="upperF" src="intro.html">
<frame name="lowerF" src="course.html">
</frameset>
</frameset>
</html>
```

Output

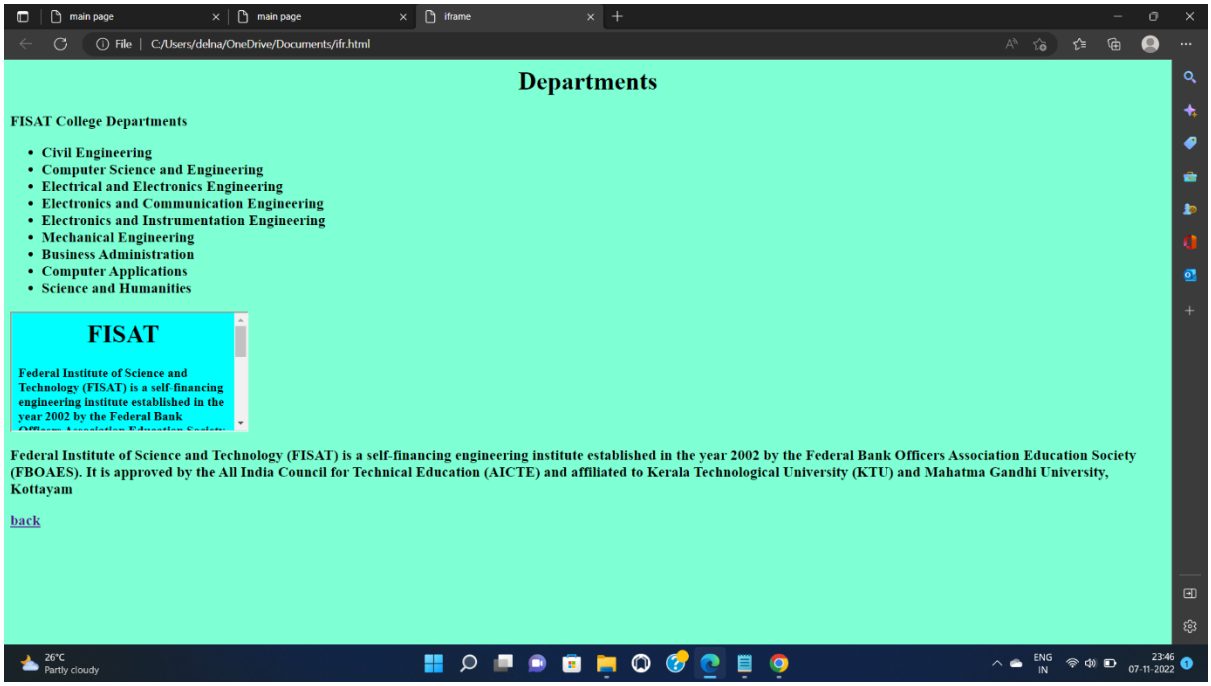
Main .html



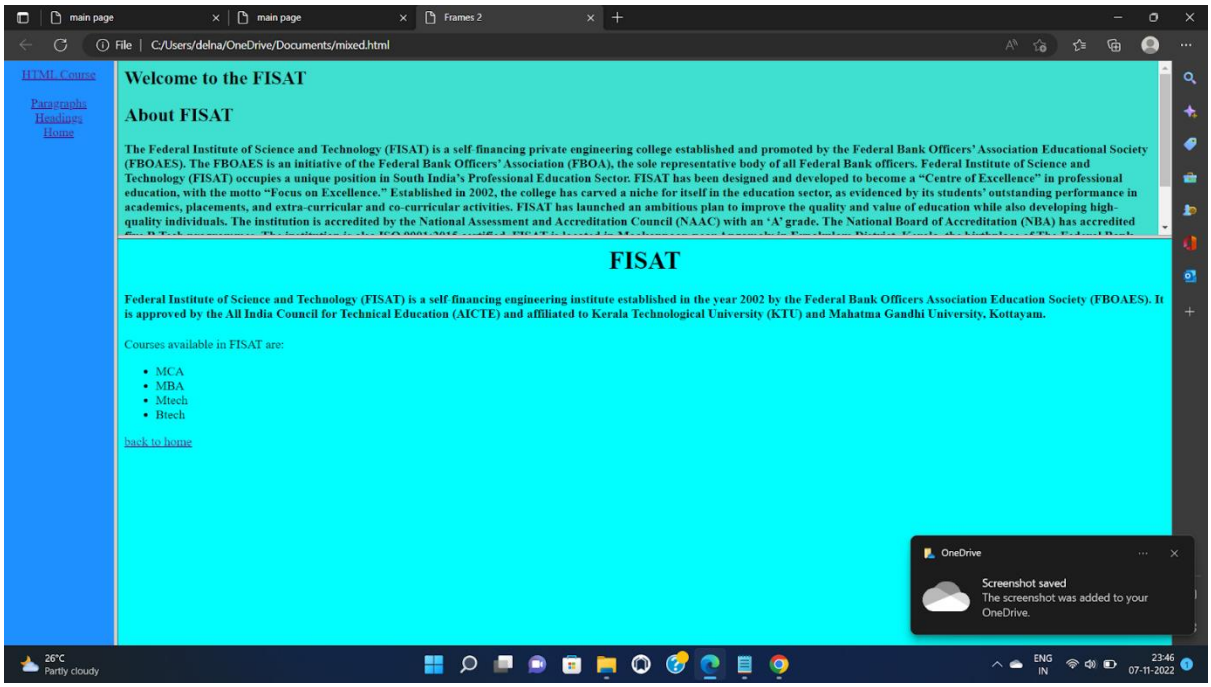
Navigation.html



Ifr.html



Mixed.html


main page
main page
Frames 2
File | C:/Users/delna/OneDrive/Documents/mixed.html
HTML Course
Paragraphs
Headings
Home
Welcome to the FISAT
About FISAT
The Federal Institute of Science and Technology (FISAT) is a self-financing private engineering college established and promoted by the Federal Bank Officers' Association Educational Society (FBOAES). The FBOAES is an initiative of the Federal Bank Officers' Association (FBOA), the sole representative body of all Federal Bank officers. Federal Institute of Science and Technology (FISAT) occupies a unique position in South India's Professional Education Sector. FISAT has been designed and developed to become a "Centre of Excellence" in professional education, with the motto "Focus on Excellence." Established in 2002, the college has carved a niche for itself in the education sector, as evidenced by its students' outstanding performance in academics, placements, and extra-curricular and co-curricular activities. FISAT has launched an ambitious plan to improve the quality and value of education while also developing high-quality individuals. The institution is accredited by the National Assessment and Accreditation Council (NAAC) with an 'A' grade. The National Board of Accreditation (NBA) has accredited
FISAT
Federal Institute of Science and Technology (FISAT) is a self-financing engineering institute established in the year 2002 by the Federal Bank Officers Association Education Society (FBOAES). It is approved by the All India Council for Technical Education (AICTE) and affiliated to Kerala Technological University (KTU) and Mahatma Gandhi University, Kottayam.
Courses available in FISAT are:
MCA
MBA
Mtech
Btech
back to home
OneDrive
Screenshot saved
The screenshot was added to your OneDrive.
26°C
Partly cloudy
ENG
IN
23:46
07-11-2022

AIM

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

Program Code

Main.html

```
<html>
<head>
<title>main</title>
</head>
<body bgcolor="LawnGreen">
<br>
<br>
<br>
<a href="inline.html">INLINE EXAMPLE</a><br>
<a href="internal.html">INTERNAL EXAMPLE</a><br>
<a href="external.html">EXTERNAL EXAMPLE</a><br>
</body>
</html>
```

Inline.html

```
<html>
<head>
<title>inline example</title>
</head>
<body bgcolor="lavender">
<h1 align="center" style="color:cyan;"><u>inline example</u></h1><br>
<br><br>
<p>
```

```
<h2 style="color:blue;">the Department of Computer Science & Engineering was established in the year 2002. <br>

Annual intake of students for B.Tech Computer Science & Engineering course is 180, B.Tech Computer

Science and Design is 60, M.Tech (CSIS) is 12 and M.Tech (Artificial Intelligence and Data Science) is

12. </h2><br>

<h3 style="color:pink;" >Department is also recognized by APJ Abdul Kalam Technological University as a research center for

Ph.D programmes. <br>

The department has competent and committed faculty which encourages students' involvement in various

<h2 style="color:green;">co-curricular activities along with their academics.<br>

The institution offers post graduate programs in M Tech, Master of Computer Applications and

Master of Business Administration, all affiliated to APJ Abdul Kalam Technological University.

The duration of the PG Programmes is 4 semesters.</h2></p>


</p>

</body>

</html>
```

Internal.html

```
<html>

<head>

<style>

body {background-color: powderblue;}

h1 {color: blue;}

h3 {color: YellowGreen}

p {color: green;}

</style>
```

```
</head>
<body>
<h1 align="center">Internal example</h1><br>
<br><br>
<h2>course</h2>
<h3>
<ul>
<li>mca</li>
<li>mba</li>
<li>mtech</li>
<li>btech</li>
</ul>
</h3>
<h2><p>The institution offers post graduate programs in M Tech, Master of Computer Applications and
Master of Business Administration, all affiliated to APJ Abdul Kalam Technological University.
The duration of the PG Programmes is 4 semesters.</p></h2>
</body>
</html>
```

External.html

```
<html>
<head>
<link rel="stylesheet" href="style.css">
</head>
<body>
<h1 align="center">EXTERNAL EXAMPLE</h1><br><br>
<br>
<h2>fisat</h2><br><br>
<h3>the Department of Computer Science & Engineering was established in the year 2002.
<br>
```

Annual intake of students for B.Tech Computer Science & Engineering course is 180, B.Tech Computer

Science and Design is 60, M.Tech (CSIS) is 12 and M.Tech (Artificial Intelligence and Data Science) is

12. </h3>

<h3>The institution offers post graduate programs in M Tech, Master of Computer Applications and

Master of Business Administration, all affiliated to APJ Abdul Kalam Technological University.

The duration of the PG Programmes is 4 semesters.</h3>

</body>

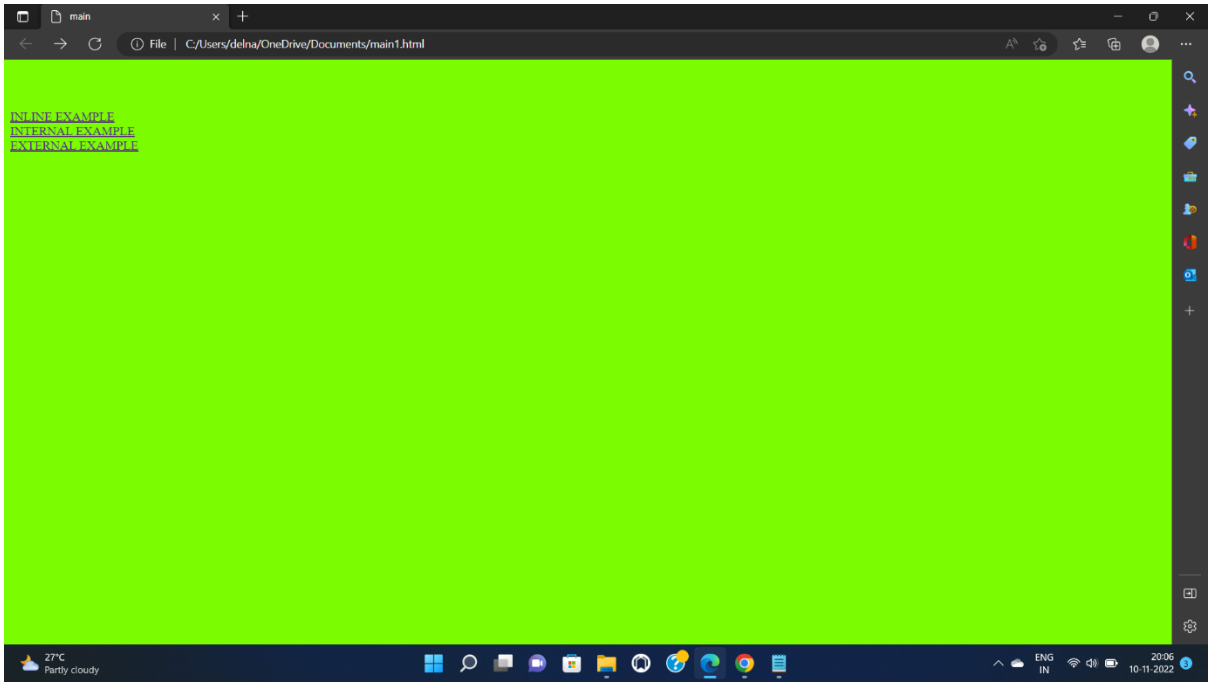
</html>

Style.css

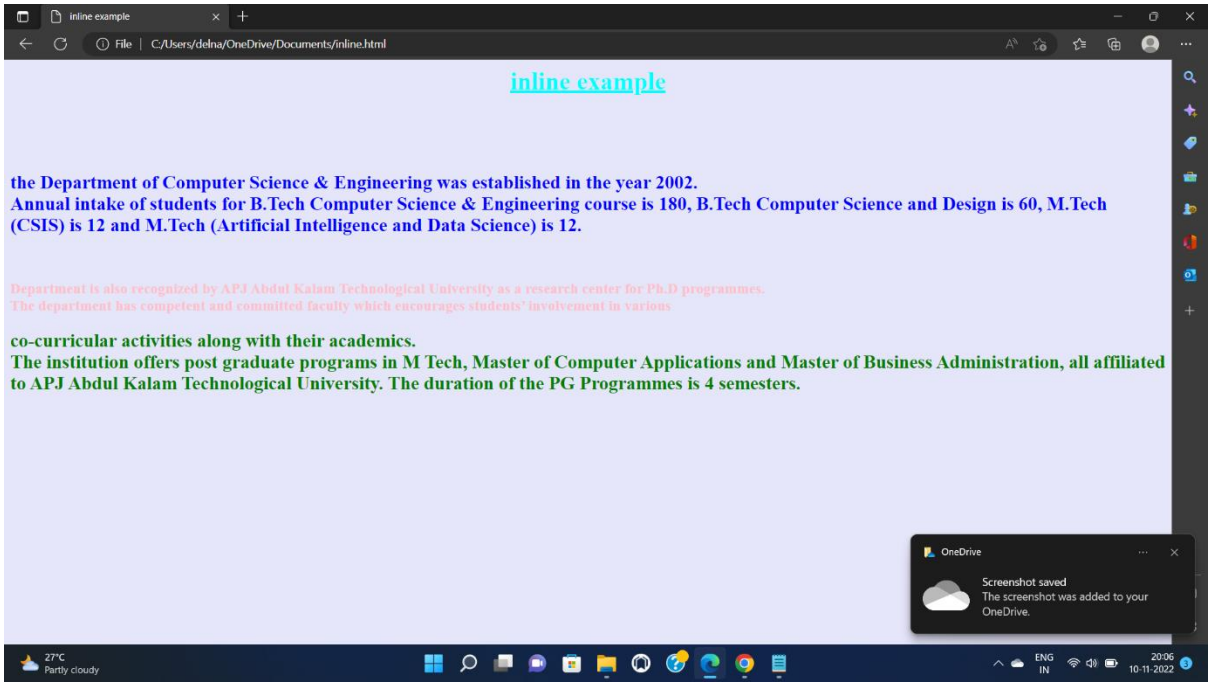
```
body {
        background-color: Plum;
      }
h1 {
     color: MediumPurple;
   }
h3 {
      color: Indigo;
    }
p {
    color: DarkViolet;
  }
```

Output

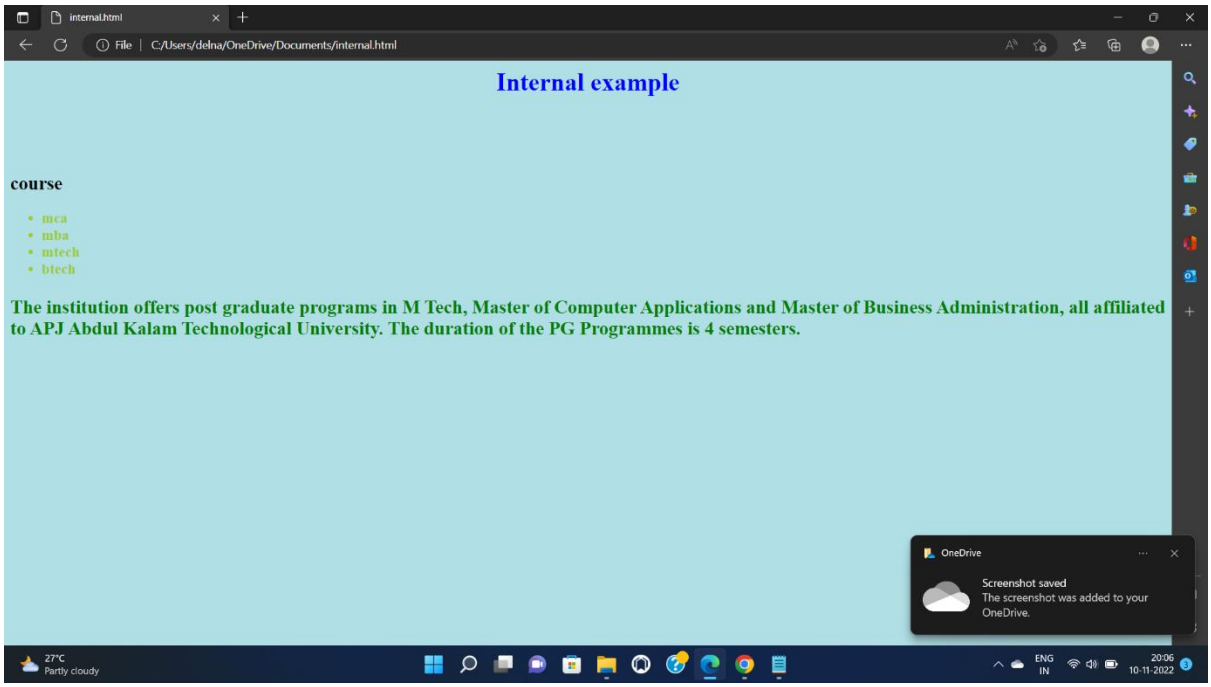
Main.html



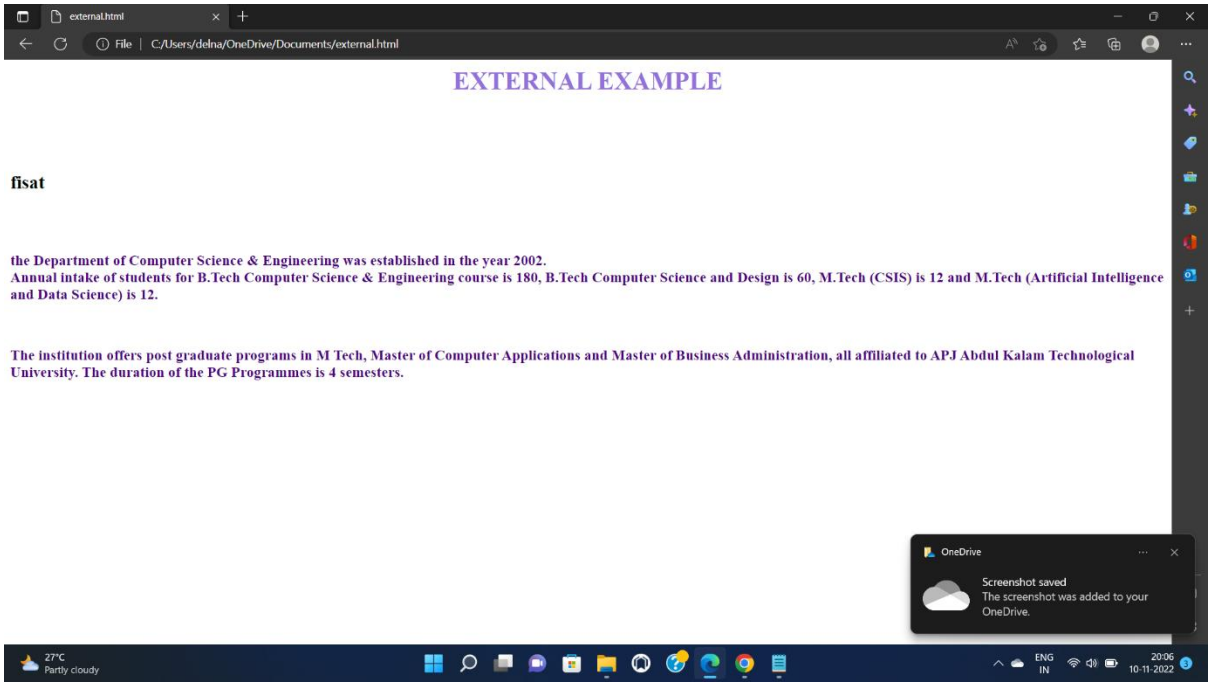
Inline.html



Internal.html



External.html



AIM

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

Program Code

Myform.html

```
<html>
<head>
<title>applicationform</title>
<script>
function validateForm() {
var x = document.forms["myForm"]["fname"].value;
var y = document.forms["myForm"]["fname1"].value;
var z = document.forms["myForm"]["age"].value;
var a = document.forms["myForm"]["address"].value;
var b = document.forms["myForm"]["contact"].value;
var c = document.forms["myForm"]["email"].value;
var d = document.forms["myForm"]["pwd"].value;
if (x == "") {
alert(" First Name must be filled out");
return false;
}
if (y =="")
{
alert("Last Name must be filled out");
return false;
}
if (z =="")
{
alert("Age must be filled out");
return false;
```

```
}
if (a =="")
{

alert("Address must be filled out");
return false;
}
if (b =="")
{
alert("contact must be filled out");
return false;
}
if (c =="")
{
alert("e-mail must be filled out");
return false;
}
if (d =="")
{
alert("Password must be filled out");
var n = document.forms["myForm"]["contact"].value;}
if (isNaN(n)) {
alert("Please enter Numeric value");
return false; }
}
</script>
</head>
<body bgcolor="#d1e0e0" align="center">
<form name="myForm" action="form.html" onsubmit="return validateForm()"
method="post">
<h2 align="center">APPLICATION FORM</h2>
<hr>
```

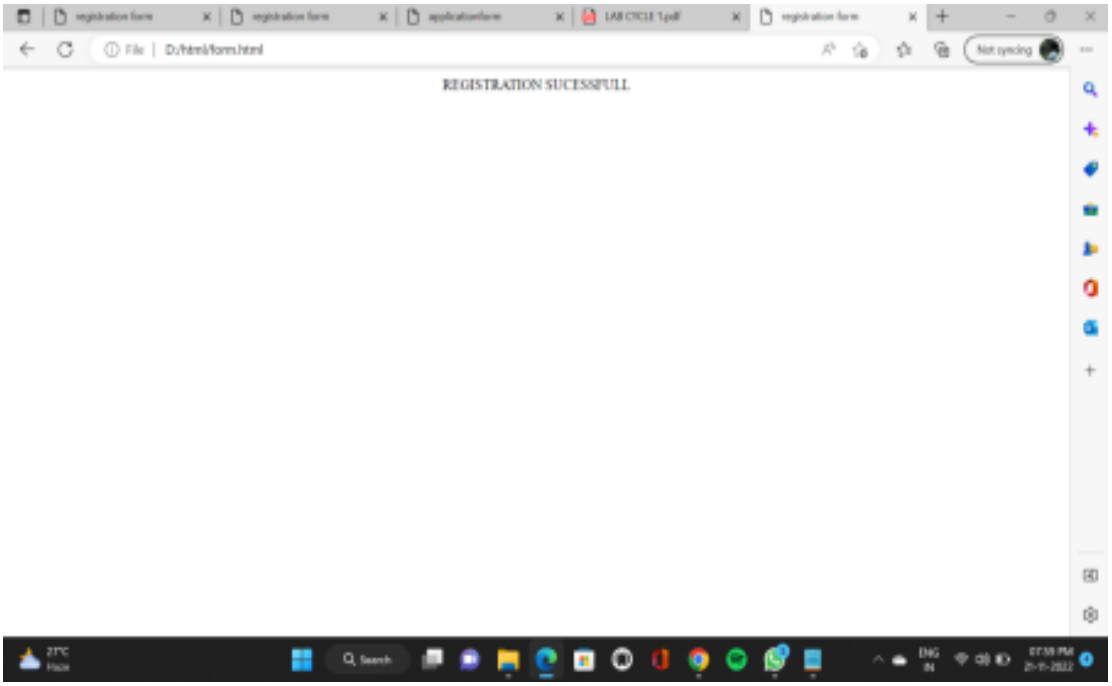
```
<table border=1 align="center">
<tr>
<td>FIRST NAME:</td>
<td><input type="text" name="fname"></td>

</tr>
<tr>
<td>LAST NAME:
<td><input type="text" name="fname1"></td>
</tr>
<tr>
<td>AGE:</td>
<td><input type="text" name="age"></td></tr>
<tr>
<td>ADDRESS:</td>
<td><textarea name="address" rows="5" cols="30">
</textarea><td></tr>
<tr>
<td>Contact No:</td>
<td><input type="number" name="numbers" ></td>
</tr>
<tr>
<td>EMAIL:</td>
<td><input type="text" name="email"></td></tr>
<tr>
<td>PASSWORD:</td>
<td><input type="password" id="pwd" name="pwd"></td></tr>
</table>
<input type="submit" value="submit" name="submit">
<input type="reset" value="reset" name="reset">
</form>
</body>
```

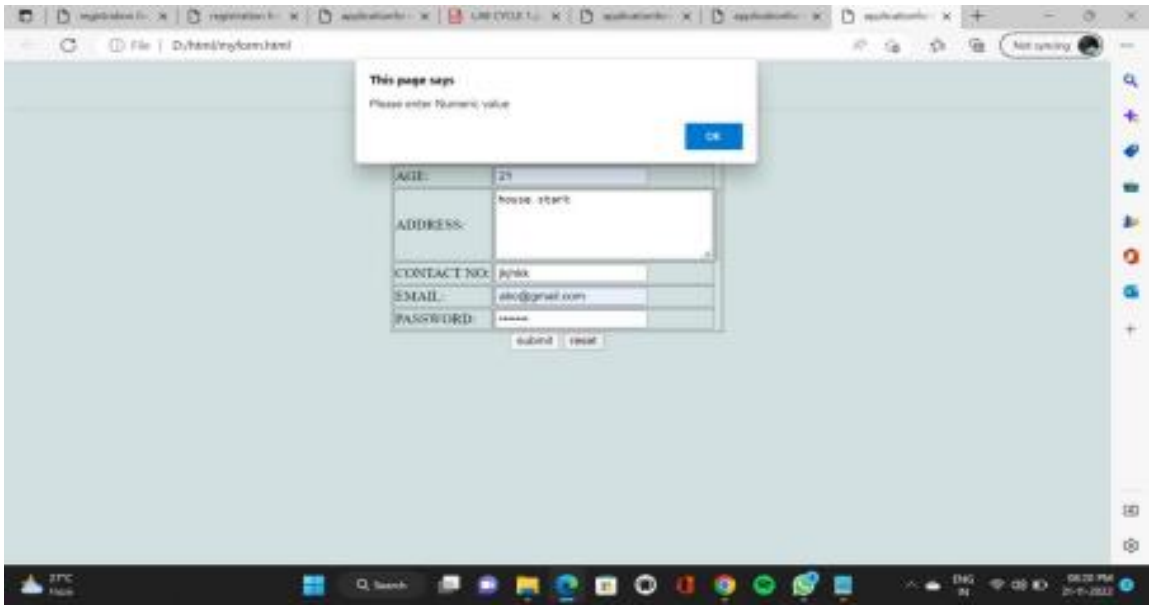
```
</html>
```

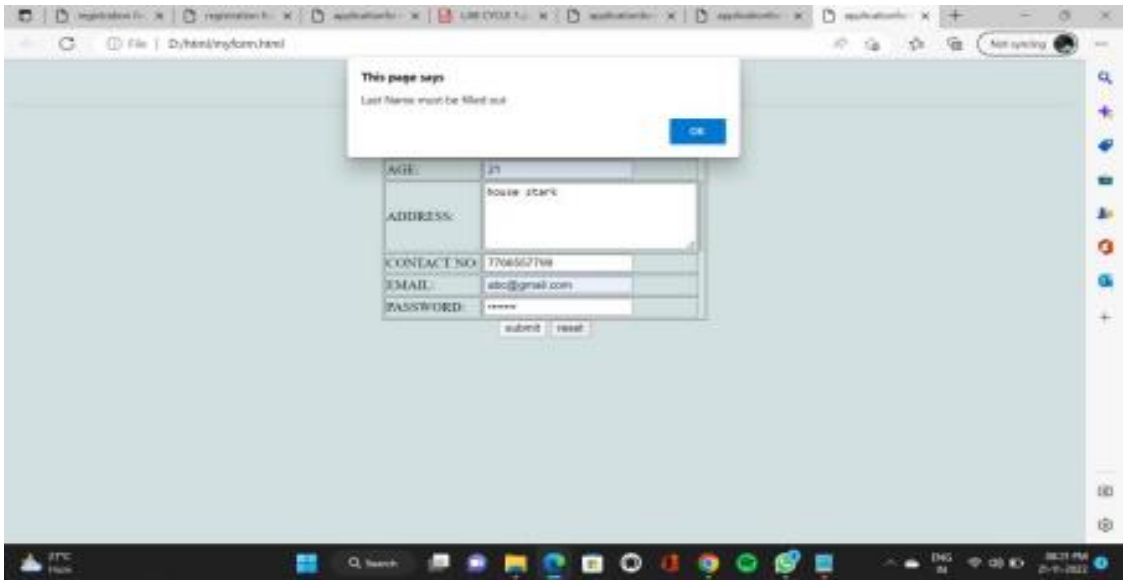
Form.html

```
<html>
<head>
<title>registration form</title>
</head>
<body align="center" color="#ccccff">
REGISTRATION SUCESSFULL
</body>
</html>
```

Output




This page says
Please enter Numeric value
OK
AGE:
ADDRESS:
CONTACT NO:
EMAIL:
PASSWORD:
submit
reset


This page says
OK
AGE:
ADDRESS:
CONTACT NO:
EMAIL:
PASSWORD:
submit
reset

AIM

Create a HTML page to explain the use of various predefined functions in a string and math object in java script.

Program Code

```
<html>
<head>
<title>
</title>
<style>
.myDiv {
  width: 500px;
  height: 1000px;
  position: absolute;
  top: 5%;
  left: 15%;
  background-color: lavender;
  text-align: center;
  border-style: groove;
  border-color: #92a8d1;
}
.myDiv1 {
  width: 500px;
  height: 1000px;
  position: absolute;
  top: 5%;
```

```
  left: 50%;
  background-color: lavender;
  text-align: center;
  border-style: groove;
  border-color: #92a8d1;
}
</style>
</head>
<body>
<div class="myDiv">
<br><br><h2><u>STRING&amp;nbsp;&amp;nbsp;FUNCTIONS</u></h2><br>
Enter a string <br><br><input type="text" name="fname" id="text1">
<br><br>
<button type="submit" style="height:50px; width:100px" value="Submit"
onclick="StringForm()">Submit</button>
<br><br>
<u>Output</u><br>
<p id="text2">
</p>
<p id="text3">
</p>

<p id="text6">
</p>

<p id="text8">
```

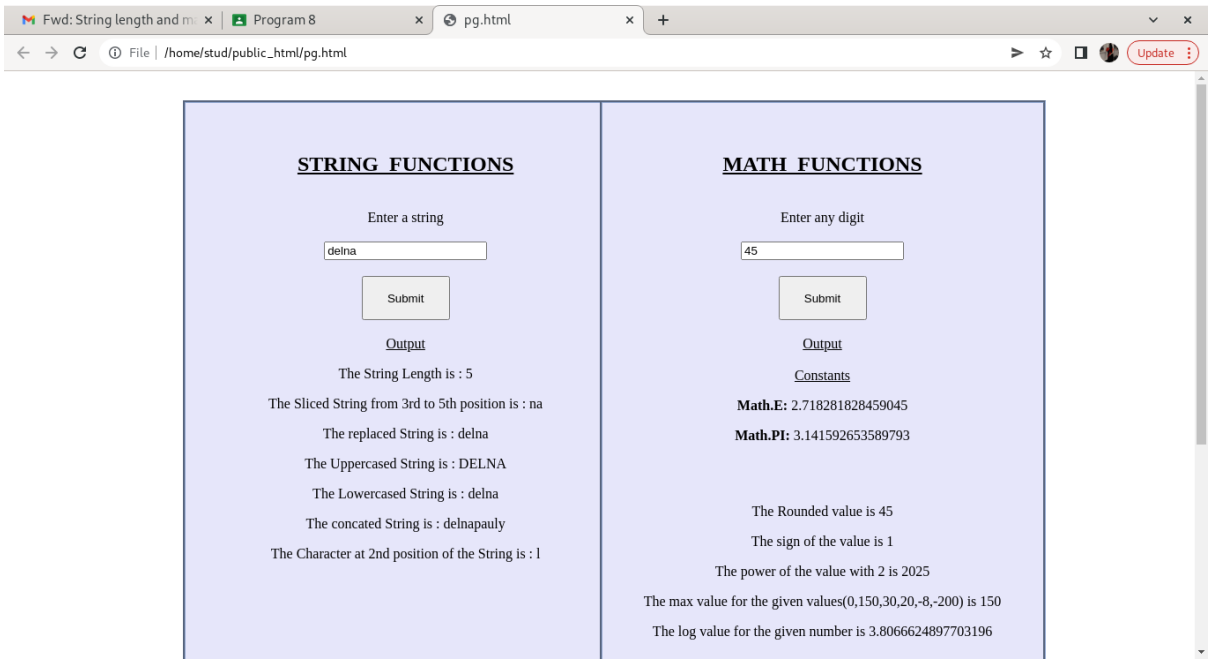
```
</p>

<p id="text9">

</p>

<p id="text10">

</p>

<p id="text12">

</p>

</div>

<div class="myDiv1">

<br><br><h2><u>MATH  FUNCTIONS</u></h2><br>

Enter any digit<br><br><input type="number" id="qu" name="quantity">

<br><br>

<button type="submit" style="height:50px; width:100px" value="Submit"
onclick="MathForm()">Submit</button>

<br><br>

<u>Output</u><br><br>

<u>Constants</u><br>

<p id="texta">

</p>

<br><br>

<p id="textb">

</p>

<p id="textf">

</p>

<p id="textg">

</p>
```

```
<p id="textk">

</p>

<p id="textm">

</p>

</div>

</body>

<script>

function StringForm() {

let text = document.getElementById("text1").value;

let length = text.length;

let part = text.slice(3,5);

let re = text.replace("anex","pauly");

let up = text.toUpperCase();

let lo = text.toLowerCase();

let co = text.concat("","pauly");

let ch = text.charAt(2);

document.getElementById("text2").innerHTML = "The String Length is : " + length;

document.getElementById("text3").innerHTML = "The Sliced String from 3rd to 5th
position is : " + part;


document.getElementById("text6").innerHTML = "The replaced String is : " + re;


document.getElementById("text8").innerHTML = "The Uppercased String is : " + up;

document.getElementById("text9").innerHTML = "The Lowercased String is : " + lo;

document.getElementById("text10").innerHTML = "The concated String is : " + co;
```

```
document.getElementById("text12").innerHTML = "The Character at 2nd position of the String is : " + ch;

return true;

}

function MathForm() {

let text = document.getElementById("qu").value;

let ro = Math.round(text);

let si = Math.sign(text);

let po = Math.pow(text,2);

let sq = Math.sqrt(text);

let ab = Math.abs(text);

let max = Math.max(0, 150, 30, 20, -8, -200);


let l = Math.log(text);

document.getElementById("texta").innerHTML = "<p><b>Math.E:</b> " + Math.E + "</p>" +

"<p><b>Math.PI:</b> " + Math.PI + "</p>"

document.getElementById("textb").innerHTML = "The Rounded value is " + ro;

document.getElementById("textf").innerHTML = "The sign of the value is " + si;

document.getElementById("textg").innerHTML = "The power of the value with 2 is " + po;


document.getElementById("textk").innerHTML = "The max value for the given values(0,150,30,20,-8,-200) is " + max;

document.getElementById("textm").innerHTML = "The log value for the given number is " + l;

return true;

}

</script>
```

```
</html>
```

Output


Fwd: String length and m
Program 8
pg.html
File | /home/stud/public_html/pg.html
Update
STRING FUNCTIONS
Enter a string
delna
Submit
Output
The String Length is : 5
The Sliced String from 3rd to 5th position is : na
The replaced String is : delna
The Uppercased String is : DELNA
The Lowercased String is : delna
The concated String is : delnapauly
The Character at 2nd position of the String is : l
MATH FUNCTIONS
Enter any digit
45
Submit
Output
Constants
Math.E: 2.718281828459045
Math.PI: 3.141592653589793
The Rounded value is 45
The sign of the value is 1
The power of the value with 2 is 2025
The max value for the given values(0,150,30,20,-8,-200) is 150
The log value for the given number is 3.8066624897703196

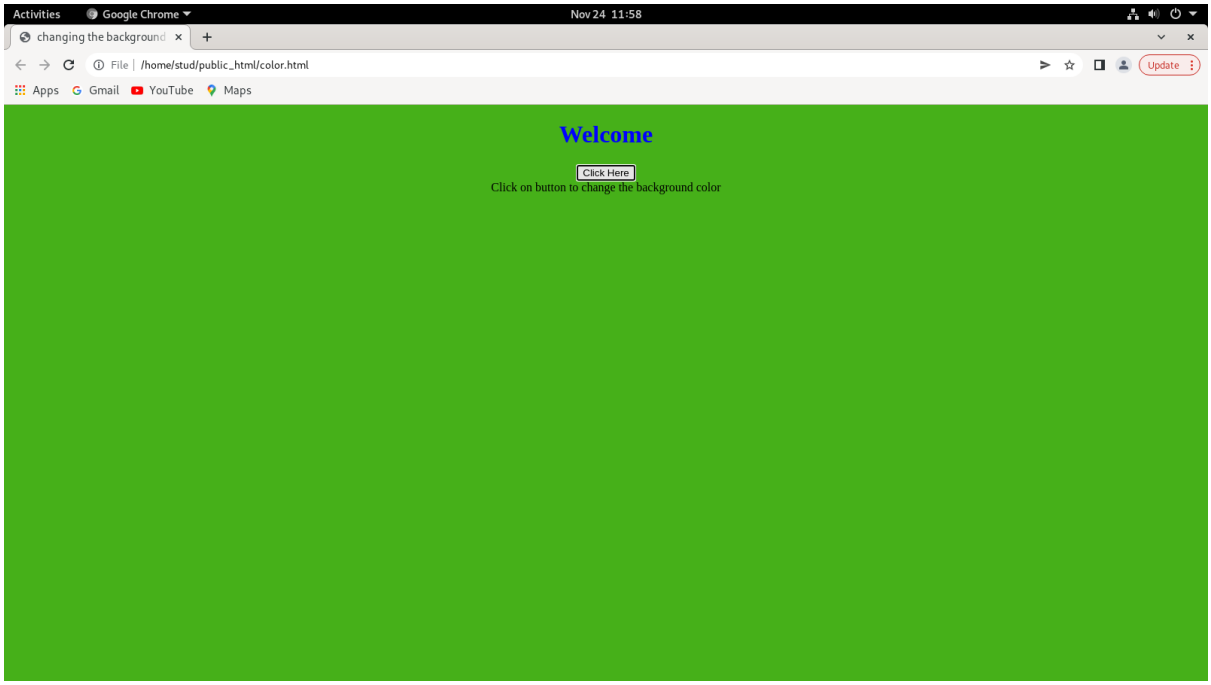
AIM

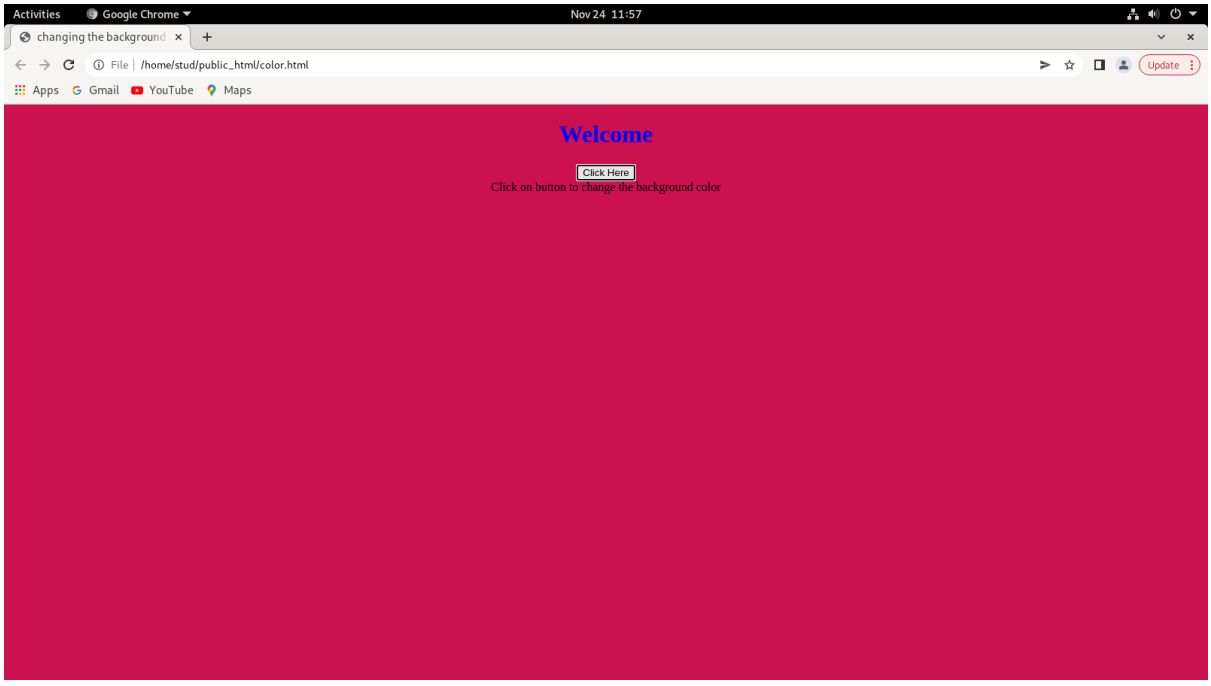
Create a HTML page to change the background color for every click of a button using JavaScript Event Handling.

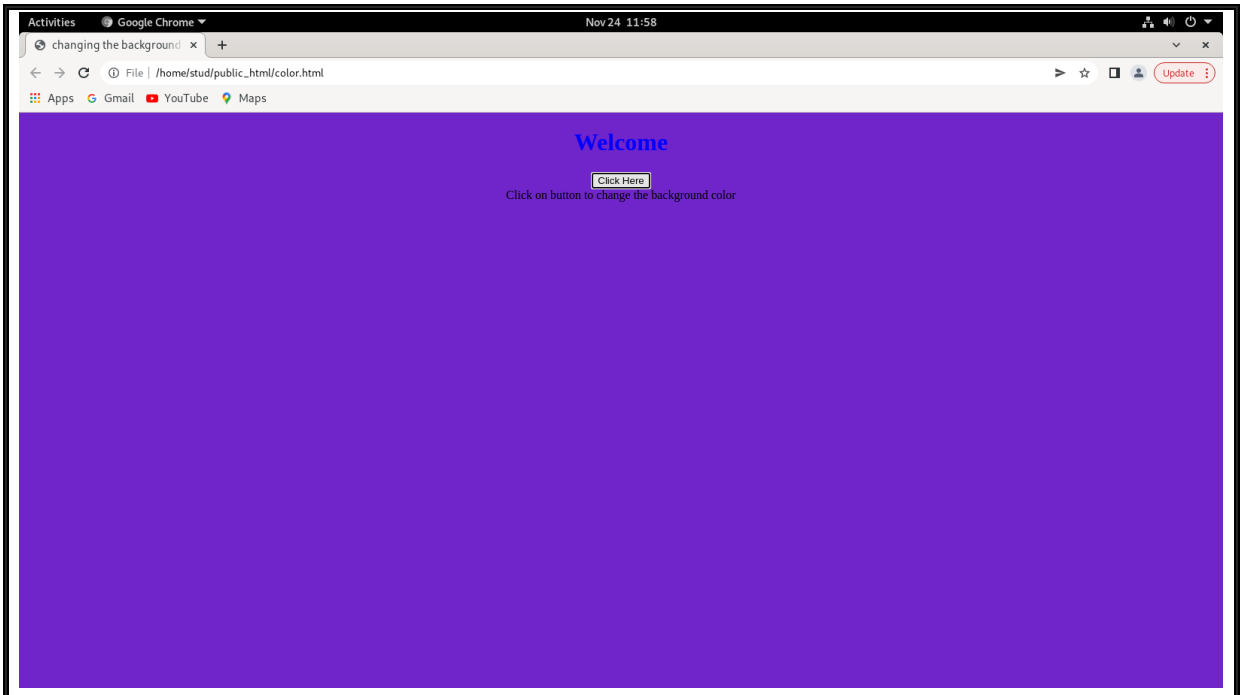
Program Code

```
<!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


Activities
Google Chrome
Nov 24 11:58
changing the background
File | /home/stud/public_html/color.html
Update
Apps
Gmail
YouTube
Maps
Welcome
Click Here
Click on button to change the background color


Activities
Google Chrome
Nov 24 11:57
changing the background
File | /home/stud/public_html/color.html
Update
Apps
Gmail
YouTube
Maps
Welcome
Click Here
Click on button to change the background color


Activities
Google Chrome
Nov 24 11:58
changing the background
File | /home/stud/public_html/color.html
Update
Apps
Gmail
YouTube
Maps
Welcome
Click Here
Click on button to change the background color