

AIM

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

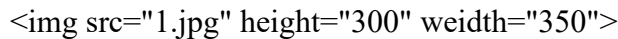

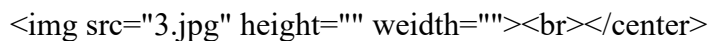
Program Code

```
<html>
<head>
<title>Thripunithura</title>
</head>
<body> <h1 align="center">
Thripunithura
</h1>
<hr>
<p>
```

Thrippunithura or Tripunithura (Malayalam pronunciation: [t̪ɾɪpːuːɳiːt̪uɾə]), is a prominent historical and residential region in the City of Kochi in Kerala, India. Located about 7 km (4 mi) from the city centre, Tripunithura was the capital of the erstwhile Kingdom of Cochin. The descendants of the Cochin royal family still live in the palaces here. The Hill Palace situated in Tripunithura was the palace of Maharaja of Cochin, the ruler of Kingdom of Cochin. Tripunithura is also well known for its historical cultures and worldwide famous because of Sree Poornathrayeesa Temple and the annual festival Vrishchikoltsawam that takes place at the temple. The 'Raja nagari' or the royal city is one of the most prominent centers of traditional Kerala cultural heritage. The palaces of the Cochin Royal House are renowned for being patrons of traditional arts, architecture, literature and music. The erstwhile rulers of Kingdom of Cochin were great patrons of art. This made fine arts and architecture flourish under them in many ways. The town is also a prominent centre of learning for classical arts like Carnatic music,

Kathakali and Mohiniyattam besides percussion instruments like mridangam, chenda and maddalam. Much of this is facilitated by the RLV College of Music and Institute of Fine Arts was established here in 1956

I LOVE THRIPUNITHURA

www.google.com Highlights

1. Palace **2. Beach** **3. Resorts**

4. Cliffs

Output

Activities Google Chrome Oct 27 12:00

Thripunithura print screen in linux - Google Thripunithura - Wikipedia


File /home/stud/Akshay/program1.html

Apps Gmail YouTube Maps

Thripunithura

Thripunithura or Tripunithura (Malayalam pronunciation: [ˈt̪ɾip̪uːɳiˈt̪ura]), is a prominent historical and residential region in the City of Kochi in Kerala, India. Located about 7 km (4 mi) from the city centre, Tripunithura was the capital of the erstwhile Kingdom of Cochin. The descendants of the Cochin royal family still live in the palaces here. The Hill Palace situated in Tripunithura was the palace of Maharaja of Cochin, the ruler of Kingdom of Cochin. Tripunithura is also well known for its historical cultures and worldwide famous because of Sree Poomathrayeesa Temple and the annual festival Vrischikotsavam that takes place at the temple. he 'Raja nagari' or the royal city is one of the most prominent centers of traditional Kerala cultural heritage. The palaces of the Cochin Royal House are renowned for being patrons of traditional arts, architecture, literature and music. The erstwhile rulers of Kingdom of Cochin were great patrons of art. This made fine arts and architecture flourish under them in many ways. The town is also a prominent centre of learning for classical arts like Carnatic music, Kathakali and Mohiniyattam besides percussion instruments like mridangam, chenda and maddalam. Much of this is facilitated by the RLV College of Music and Institute of Fine Arts was established here in 1956

I LOVE THRIPUNITHURA



Highlights

1. Palace
2. Beach
3. Resorts
4. Cliffs

Program Code

<html>


```
<head><title>Biodata</title>
```

</head>

<body>

<center>

Biodata

 $\langle p \rangle$ [illegible]

`Personal details`

`Academic details`

</body>

personal.html

<html>

```

<head><title>Personal Details</title>

</head>

<body>

<center>

<h1>PERSONAL DETAILS</h1></b><hr></center>

<br>

<p>

<B>
NAME:  &nbsp;AKSHAY K.J
ADDRESS:  &nbsp;VATTAPARAMBIL (H)
THIRUVANKULAM P/O ,ERNAKULAM<br>
PINCODE:  &nbsp;682305<br>
BLOOD GROOP:  &nbsp;A+VE<br>
<br><br>
<b>
<a href="biodata.html">HOME</a>
<br><br></B>

</p>
</b>
</body></html>

```

academic.html

```

<html>

<head><title>Accademic Details</title>

</head>

<body>

<center>

<h1>ACCDEMIC DETAILS</h1></b><hr></center>

<br>

```

```

<p>
<B>
<center>
<table cellpadding="20" border="1" cellspacing="30">
<tr><b>
<th>Course</th>
<th>Institution</th>
<th>Percentage</th>
<th>Grade</th></tr></b>
<tr>
<td>BCA</td>
<td>BPC Piravom</td>
<td>72.5</td>
<td>A</td>
</tr>
<tr>
<td>Plus Two</td>
<td>SNDP HSS Udayamperoor</td>
<td>86.5</td>
<td>A</td>
</tr>
<tr>
<td>SSIC</td>
<td>Georgian Academy EMHS</td>
<td>97</td>
<td>A</td>
</tr>
</table>
</center>
<b>

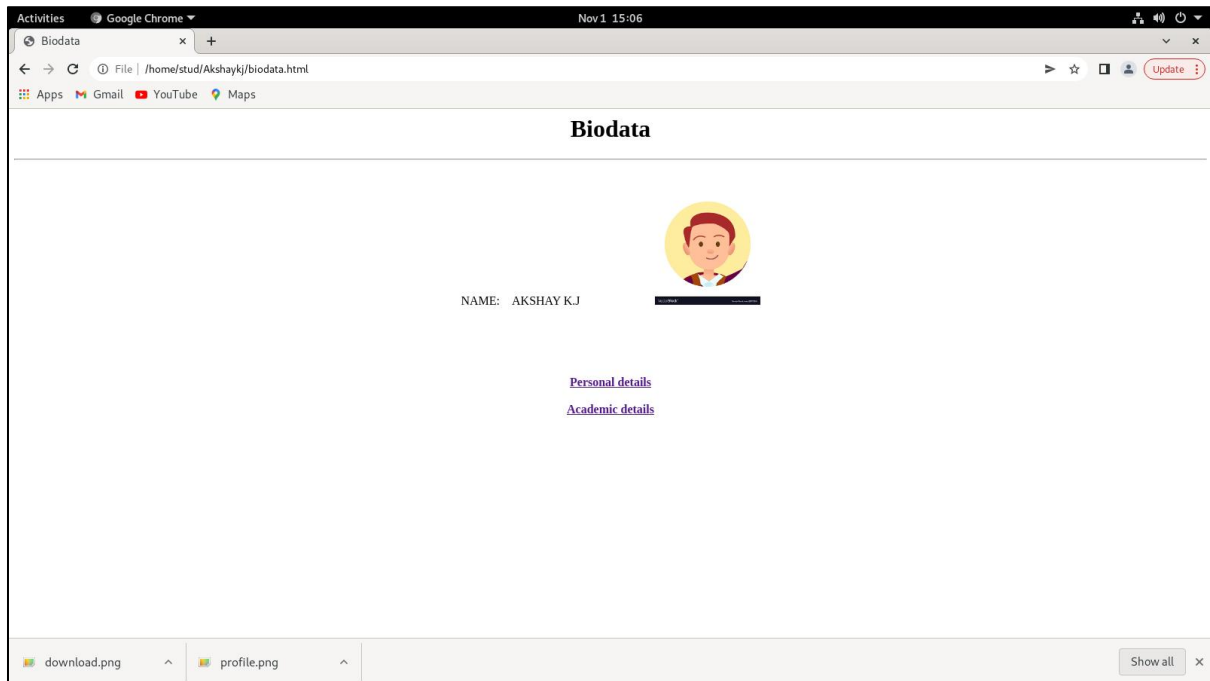
```

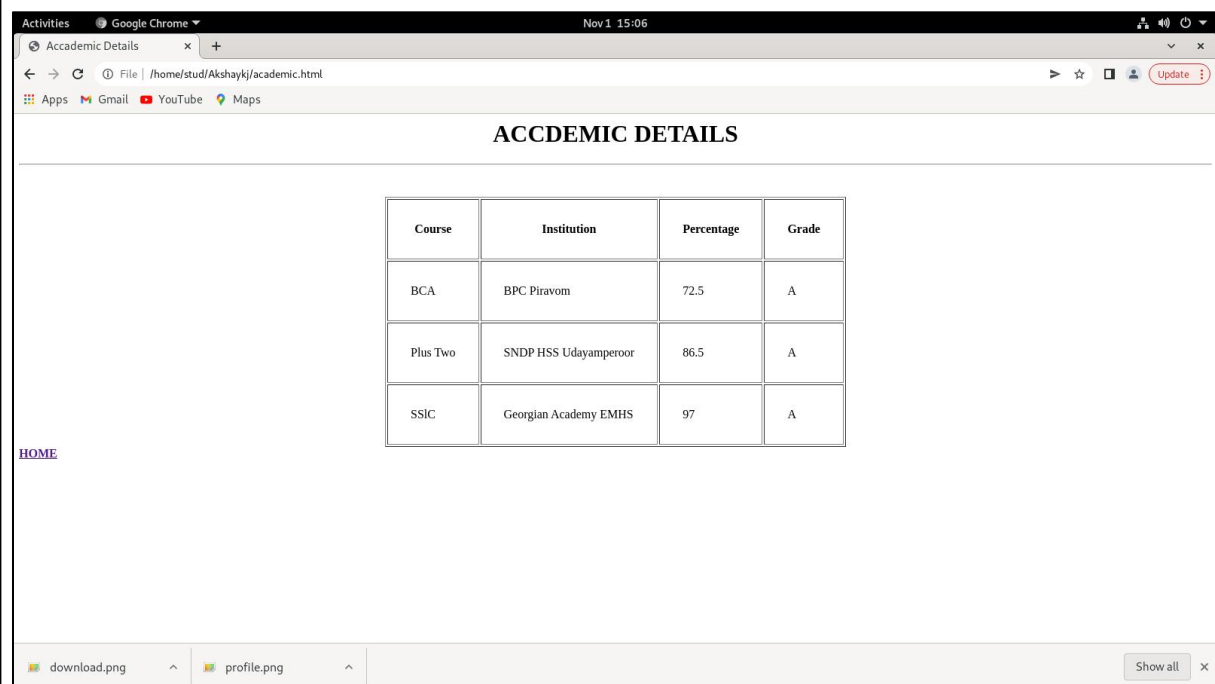
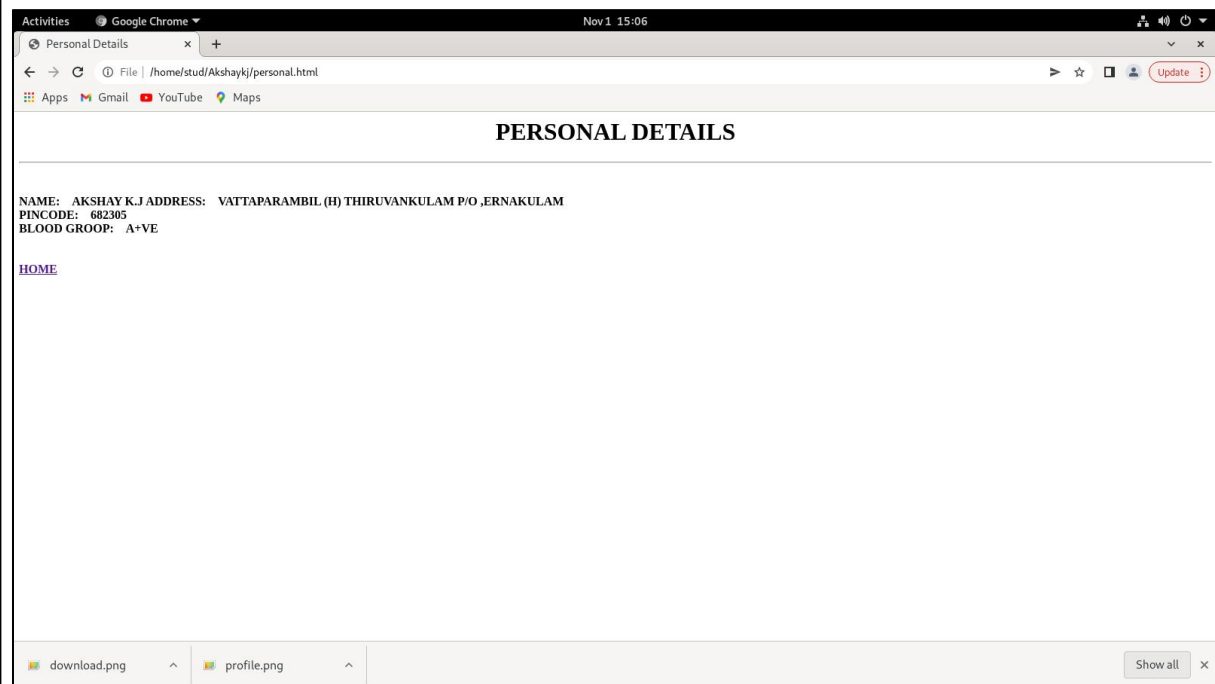
```
<a href="biodata.html">HOME</a>
```

```
</body>
```

```
</html>
```

Output





AIM

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

Program Code

[illegible]


```

<input type="checkbox" name="BCA"
id="BCA">

<input type="checkbox" name="BSC" id="BSC"><br><br><hr><hr>

<input type="button" name="submit" id="submit" value="Save"
>

<input type="reset" name="reset" id="reset" value="Cancel" >

</form>

</b>

</body>

</html>

```

Output

The screenshot shows a web browser window with the title 'Application Form'. The form contains the following fields and options:

- Name:** Akshay K J
- Date of Birth:** 27/10/2000
- Address:** dream(H) Emakulam
- Pincode:** 682305
- Gender:** ☒ Male ☐ Female
- Mobile No.:** 9878987645
- Email Id:** akshaykj2000@gmail.com
- Courses:** SSLC ☒ Plus2 ☒ BCA ☒ BSC ☐

At the bottom of the form, there are two buttons: 'Save' and 'Cancel'.

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>Frames 2</title></head>
<body>
<center><br><br><br><br><br><br>
<h1><b><u>
Farems</b></u>
</h1><br><br><br>
<h2><hr><a href="fframe1.html">Navigation frames</a><br><br><hr>
<a href="Mixed.html">Mixed frames</a><br><br><hr>
<a href="floating.html">Floating Frames</a><br><br><hr>
</h2>
</center>
</body>
</html>
```

fframe.html

```
<html>
<head><title>Frames 1</title></head>
<frameset cols="140,*">
<frame name="navF" src="navigation.html">
<frame name="mainF" src="intro.html">
</frameset>
</html>
```

Navigation Bar

```

<html><head><title>Navigation Bar</title></head>
<body><center>
<a href="course.html" target="mainF"> Course</a><br><br><br>

<a href="paragraph.html" target="mainF">About FISAT</a><br><br><br>
<a href="olists.html" target="mainF">Facilities</a><br><br><br>
<a href="intro.html" target="mainF">Home</a><br><br><br>
</center></body>
</html>

```

Mixed.html

```

<html>
<head><title>Frames 2</title></head>
<frameset cols="140,*">
<frame name="navF" src="navigation.html">
<frameset rows="20%,80%">
<frame name="upperF" src="intro.html">
<frame name="lowerF" src="paragraph.html">
</frameset>
</frameset>
<body >
</html>

```

Floating.html

```

<html>
<head><title>Application Form</title></head>
<body>
<center><b><h1>Application Form</h1>
<hr></center>
<form method="post">
Name:      <input

```

```
type="text" name="name" id="name" placeholder="Name" required="required"><br><br>
```

```
Date of Birth:<input type="date" name="date" id="date" required="required"><br><br>
```

```
Address:    <input type="text" name="address"
```

```
id="address" placeholder="Address" required="required"><br><br>
```

```
Pincode:    <input type="text" name="pincode"
```

```
id="pincode" placeholder="Pincode" required="required"><br><br>Gender:      <input  
type="radio" name="gender"
```

```
id="male" value="Male">Male  <input type="radio" name="gender"
```

```
id="female" value="Female">Female<br><br>
```

```
Mobile No.:  <input type="number" name="mobile" id="mobile"
```

```
placeholder="Mobile no." required="required"><br><br>
```

```
Email Id:    <input type="mail" name="email"
```

```
id="email" placeholder="Email" required="required"><br><br>
```

Courses:

```
<input type="button" name="submit" id="submit"
```

```
value="Save" >
```

```
<input type="reset" name="reset" id="reset" value="Cancel" >
```

```
<iframe src="dem.html" height="200" width="200"></iframe>
```

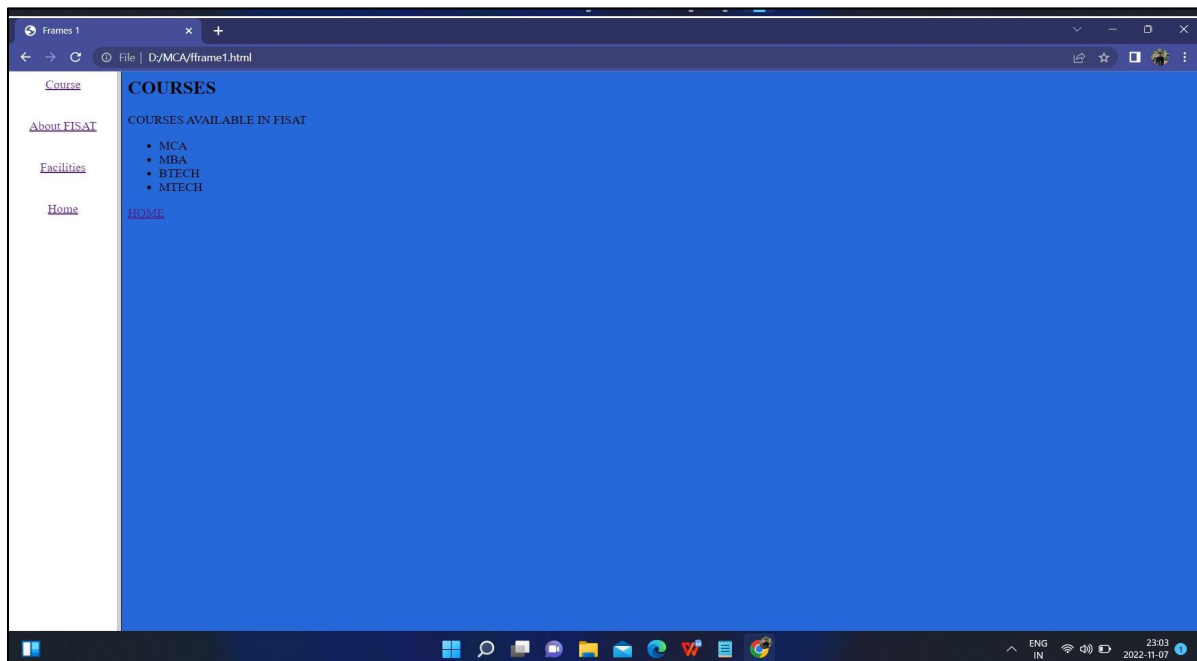
```
</form>
```

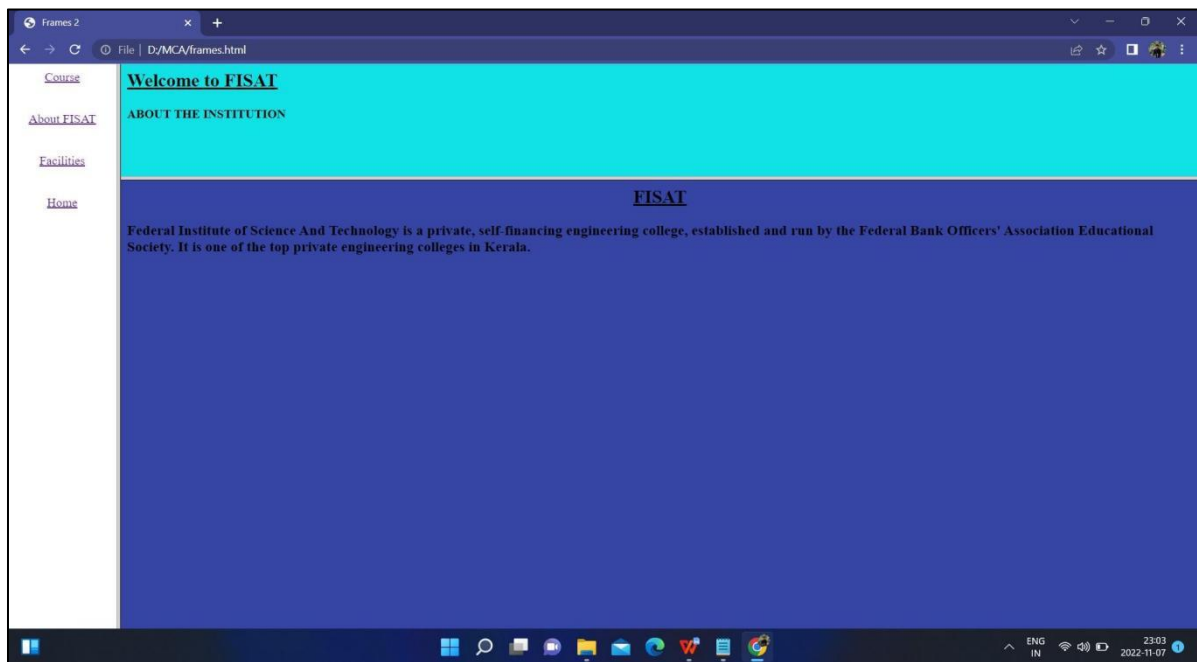
```
</b>
```

```
</body>
```

```
</html>
```

Output





AIM

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

Program Code**CODE - links.html**

```
<html> <head><title>CSS</title></head> <body> <center><br><br><br><br><br><br>

    <h1><b><u> CSS STYLING</b></u> </h1><br><br><br>

    <h2><hr><a href="internal.html"> INTERNAL CSS</a><br><br><hr>

    <a href="inline.html"> INLINE CSS</a><br><br><hr>

    <a href="external.html">EXTERNAL CSS </a><br><br><hr>

</h2>

</center>

</body> </html>
```

CODE – internal.css

```
<html>

<head><title>Program with CSS</title>

<style>

p{

font-family:arial;

font-size:20;

color :#585957;

font-weight:bold;

}

h1 {
```

```

font-family:emoji;
font-size:40;
color :rgb(0, 98, 255);
margin-left: 20px;
text-decoration:underline;
}
body{
text-align:left;
background-color:white;
font-weight:bold;
}
img {
border-radius: 60%;
}
</style>
</head>
<body><center><h1>Internal style</h1></center>
<hr>

```

Kochi represents different things to different people. To many, it is an emerging cosmopolitan city with bustling life in the streets, the cinema halls, the shopping malls, and the skyscrapers; the commercial capital of the state, with a style statement different from the rest of the State - whether in clothes or lifestyle. To some others, Kochi is a place with deep roots in history and its streets exude an old-world charm; a place with beautiful monuments and a variety of linguistic and ethnic communities including Jews, Konkinis, Gujaratis and so on. Yet another group looks at Kochi as a thriving, expanding market, providing opportunities for growth and prosperity to all who knock at her doors. In short, Kochi offers a cocktail of modernity, old-world charm and a global outlook that, at the same time, facilitates continuity and change. For centuries, Kochi had been a main port city, not only of Kerala, but also of the Indian Peninsula. Since the 14th century, Kochi, known as the Queen of the Arabian Sea, has had ships from Asian and European countries visiting her port. The traders and travelled from across the globe were welcomed with open arms and minds. This greatly

helped in its growth into a cosmopolitan city. Kochi's growth owes a lot to its strategic position on the northern end of the peninsula that has proximity to the Arabian Sea on the west, and the estuaries and the Western Ghats on the east. As for its geography, it is an indiscriminate mix of hilly areas, estuaries and backwaters, small islands, coastal cities like Fort Kochi and Mattancherry and plain terrain like that of the city of Ernakulam. With its interesting monuments, geographic peculiarities, and emerging cosmopolitan nature, Kochi can keep a tourist engrossed for days.

</body></html>

CODE – inline.css

<html>

<html>

<body style="color:rgb(206, 217, 217);font-family:Georgia, 'Times New Roman', Times, serif;">

<h1 style="color:blue;background-color:grey;">FISAT</h1>

<p style="color:rgb(251, 244, 244);background-color:rgb(95, 154, 221);">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 five B.Tech programmes. The institution is also ISO 9001:2015 certified. FISAT is located in Mookannoor, near Angamaly in Ernakulam District,

Kerala, the birthplace of The Federal Bank Ltd. founder, Late K P Hormis, and the campus is named “Hormis Nagar” in his honour. FISAT is affiliated with

APJ Abdul Kalam Technological University (KTU) and is approved by the All India Council for Technical Education (AICTE), New Delhi. FISAT offers seven B.Tech engineering programmes, an MBA programme (with specialisations in Finance, Marketing, Human Resource Management, Information System,

Production & Operations Management, and International Business), an MCA programme, five M.Tech programmes and PhD programmes.

</body>

</html>

CODE – external.css

<html>

<html><title>External</title>

<head>

<link rel="stylesheet" href="cssscript.css">

</head>

<body>

<center>

<h1>FISAT</h1></center>

<p>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.

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FISAT is affiliated with APJ Abdul Kalam Technological University (KTU) </p>

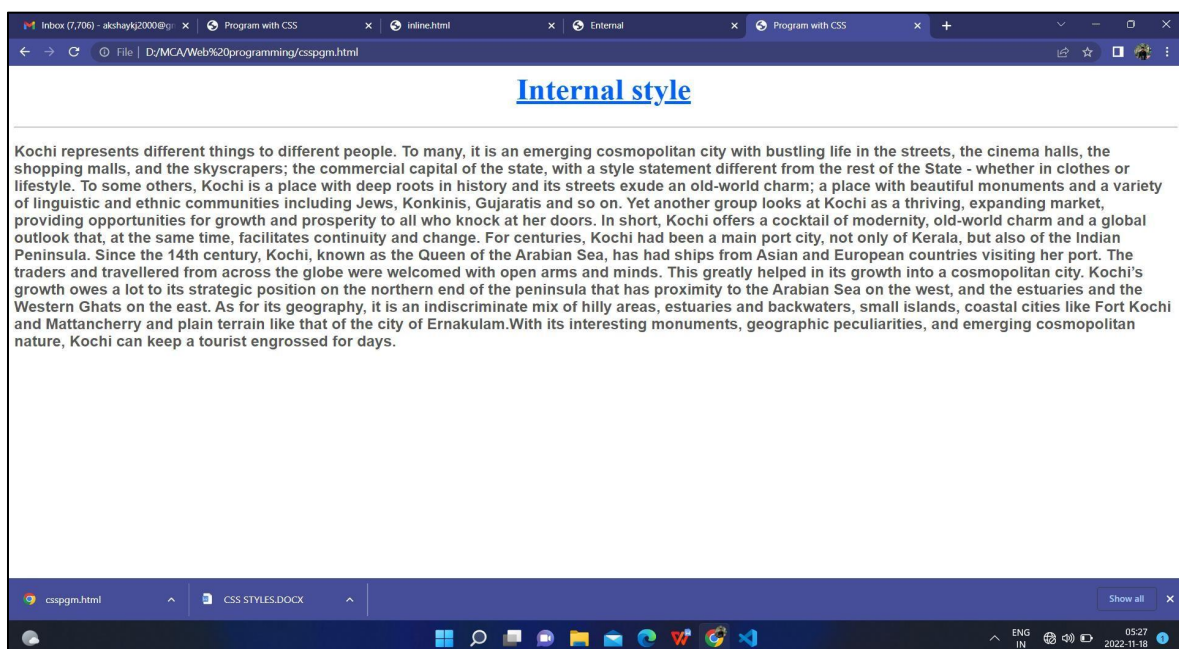
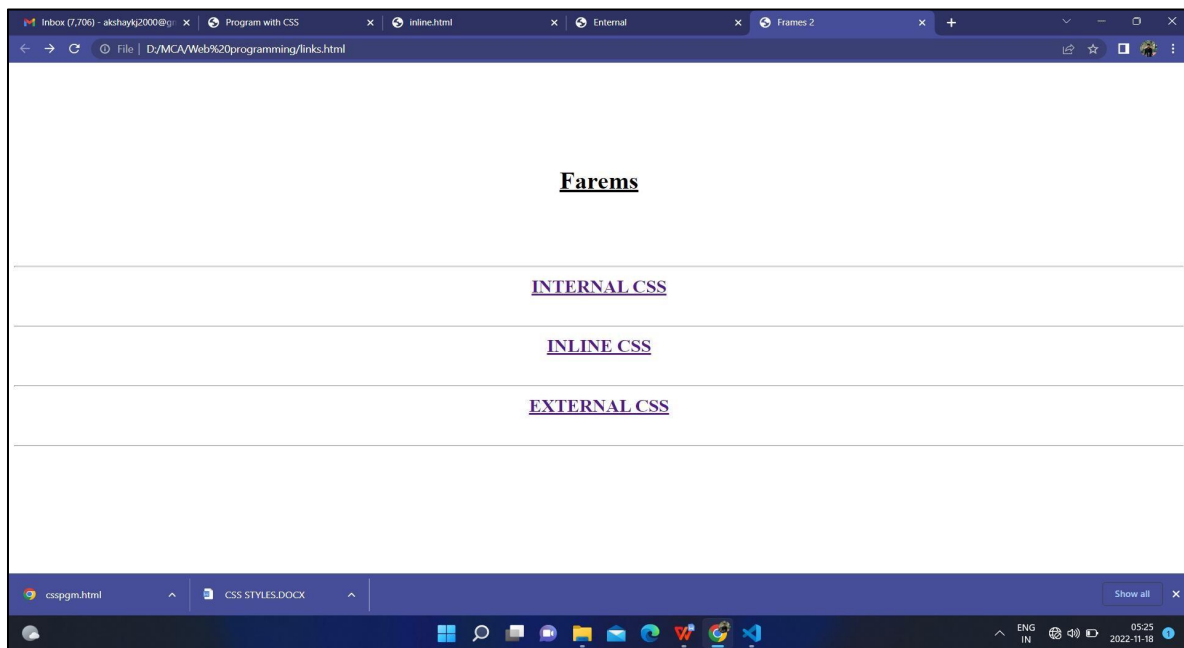
</body>

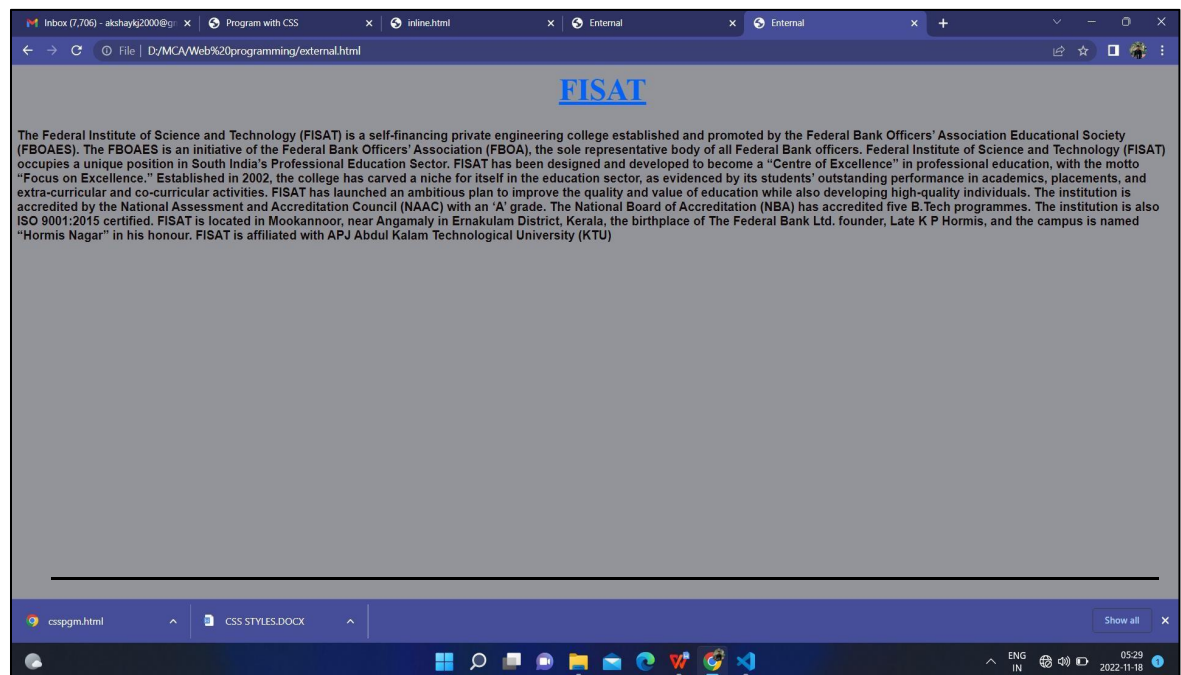
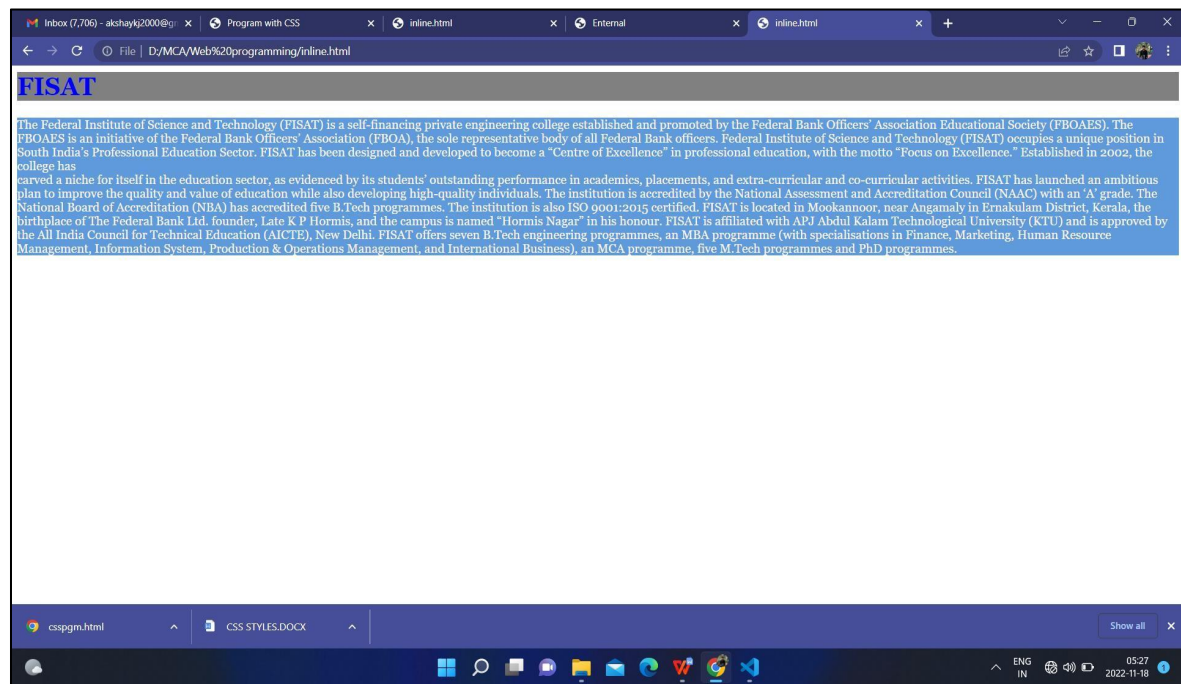
</html>

CODE – cssscript.css

```
body {
    background-color: rgb(147, 147, 154);
}
h1 {
    font-family:emoji;
    font-size:40;
    color :rgb(0, 98, 255);
    margin-left: 20px;
    text-decoration:underline;
}
p {
    color: rgb(15, 9, 9);
    font-family:arial;
    font-weight:bold;
}
```

Output





AIM

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

Program Code**Validation html**

```
<html>
<head>
<title>Validation
</title>
<style>
.myDiv {
    width: 700px;
    height: 600px;
    position: absolute;
    top: 5%;
    left: 30%;
    background-color: #fefbd9;
    text-align: center;
    border-style: groove;
    border-color: #92a8d1;
}
</style>
<script>
function validateForm() {
var x = document.forms["myForm"]["fname"].value;
var y = document.forms["myForm"]["mob"].value;
if (x == "")
{
alert("Name must be filled out");
return false;
```

```
}  
if(y== "")  
{  
alert("Mobile No must be filled out");  
return false;  
}  
  
var n = document.forms["myForm"]["mob"].value;  
if (isNaN(n)) {  
alert("Mobile number must be digits only");  
return false;  
}  
  
var j = document.forms["myForm"]["Gend"].value;  
if (j == "")  
{  
alert("Gender must be selected");  
return false;  
}  
}  
  
</script>  
</head>  
  
<body background="C:\Users\anexp\Downloads\pgm3-form-20221103T185956Z-001\pgm3-form\back.jpg">  
  
<div class="myDiv">  
  
<br><br><h1><u>USER    REGISTRATION    -&nbsp;   2022</u></h1><br>  
  
<form name="myForm" method="post" onsubmit="return validateForm()">  
Name: <input type="text" placeholder="Name of the student" name="fname"><br><br><br>  
Gender: Male <input type="radio" placeholder="Gender of the student" name="Gend">
```

Female <input type="radio" placeholder="Gender of the student"
name="Gend">

Date of Birth: <input type="text" placeholder="DOB of student"
name="dob">

Mobile Number: <input type="text" placeholder="Phone no of the student"
name="mob">

Parent mobile Number: <input type="text" placeholder="Phone no of the Parent"
name="mob2">

Email Id: <input type="email" pattern=".+@gmail\.com" placeholder="Email id of the
student" name="email">

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

<button type="reset" value="Reset" style="height:50px; width:100px">Reset</button>

</form>

</div>

</body>

</html>

Success.html

<html>

<head>

<title>Success

</title>

<style>

.myDiv {

width: 700px;

height: 700px;

position: absolute;

top: 5%;

left: 30%;

background-color: #fefbd9;

Validation

File | /home/stud/public_html/ANEX/validation.html

Apps Gmail YouTube Maps

This page says
Name must be filled out

OK

USER REGISTRATION - 2022

Name:

Gender: Male ☐ Female ☐

Date of Birth:

Mobile Number:

Parent mobile Number:

Email Id:

Submit Reset

The screenshot shows a web browser window with the title 'Validation'. The address bar displays the file path: `/home/stud/public_html/ANEX/validation.html`. A modal dialog box is open, displaying the message: 'This page says' followed by 'Mobile No must be filled out' and an 'OK' button. The background shows a yellow registration form titled 'USER REGISTRATION - 2022'. The form contains the following fields: 'Name' (filled with 'dgfg'), 'Gender' (radio buttons for 'Male' and 'Female'), 'Date of Birth' (labeled 'DOB of student'), 'Mobile Number' (labeled 'Phone no of the student'), 'Parent mobile Number' (labeled 'Phone no of the Parent'), and 'Email Id' (labeled 'Email id of the student'). At the bottom of the form are 'Submit' and 'Reset' buttons.

The screenshot shows a web browser window with the title 'Success'. The address bar displays the file path: `/home/stud/public_html/ANEX/success.html`. The main content area features a large yellow box with the text 'USER REGISTRATION DETAILS SAVED' in bold, underlined capital letters.

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>
<body>
<h1><u>JavaScript String functions</u></h1>
<p><b>The length of the string is:</b></p>
<p id="demo"></p>
<p><b>The slicing of the string is:</b></p>
<p id="demo1"></p>
<p><b>The substring() method extract a part of a string and returns the extracted
parts in a newstring:</b></p>
<p id="demo2"></p>
<p><b>Replace "python" with "web" in the paragraph below:</b></p>
<button onclick="myFunction()">Try it</button>
<p id="demo3">Welcome to python programming!</p>
<p><b>The joining two or more strings:</b></p>
<p id="demo4"></p>
<h1><u>JavaScript Math functions</u></h1>
<p><b>Math.round(x) returns the value of x rounded to its nearest integer:</b></p>
<p id="demo5"></p>
<p><b>Math.floor(x) returns the value of x rounded down to its nearest integer:</b></p>
<p id="demo6"></p>
<p><b>Math.sign(x) returns if x is negative, null or positive:</b></p>
<p id="demo7"></p>
<p><b>Math.pow(x,y) returns the value of x to the power of y:</b></p>
<p id="demo8"></p>
<p><b>Math.sqrt(x) returns the square root of x:</b></p><p id="demo9"></p>
```

```
<script>

let text = "ABCDEFGHJKLMNOPQRSTUVWXYZ";

document.getElementById("demo").innerHTML = text.length;

let texts = "Apple,
Banana, Kiwi";let part
= texts.slice(7,13);

document.getElementById("demo1").innerHTML = part;

let str = "Apple, Banana, Kiwi";
document.getElementById("demo2").innerHTML =
str.substring(7,13);


function myFunction() {

    let textt =
    document.getElementById("demo3").innerHT
    ML;
    document.getElementById("demo3").innerHT
    ML = textt.replace("python","web");
}

let text1 =
"Hello";
let text2 =
"World!";

let text3 = text1.concat(" ",text2);
document.getElementById("demo4").innerHTML = text3;

document.getElementById("demo5").innerHTML = Math.round(4.6);

document.getElementById("demo6").innerHTML = Math.floor(4.7);

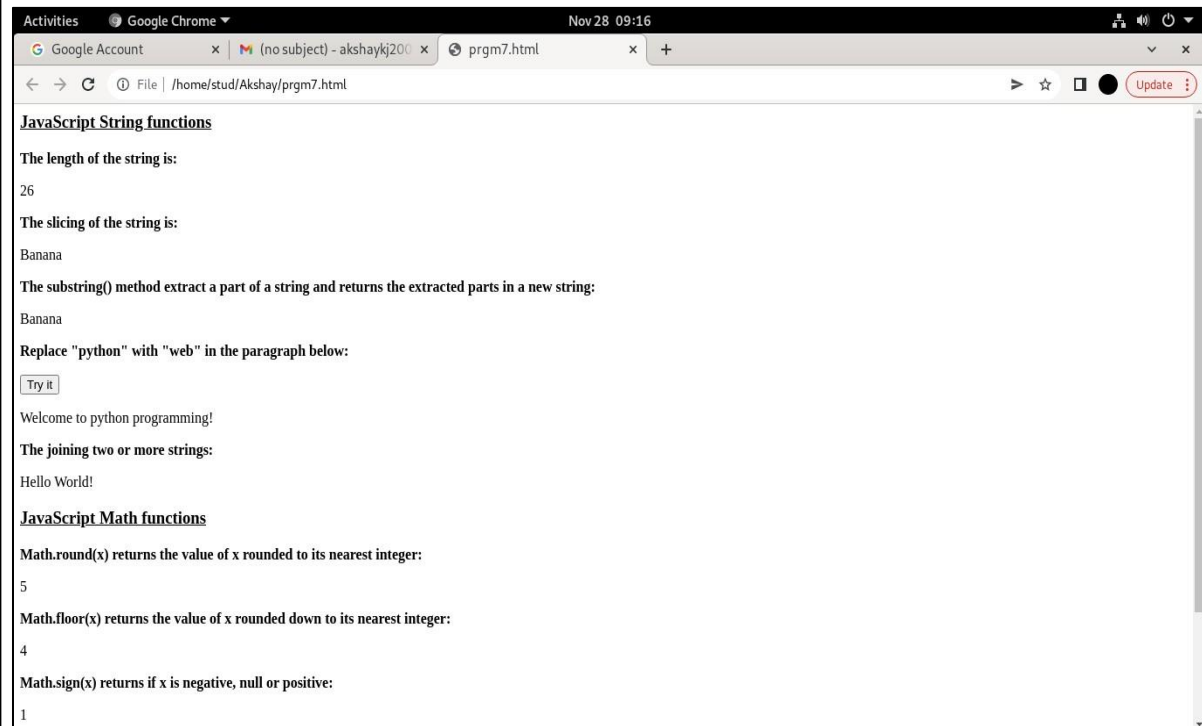
document.getElementById("demo7").innerHTML = Math.sign(4);


document.getElementById("demo8").innerHTML = Math.pow(8,2);
document.getElementById("demo9").innerHTML = Math.sqrt(64);

</script>

</body></html>
```

Output



AIM

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

Program Code

```

<html>
<head>
<title>
Javascript Background color
</title>
</head>
<body style = "text-align:center;">
<br><br><br><br><br><br><br><br><br><br>
<h1 style =
"color:;" >Click
To Change
</h1>
<button type="button" id="color-button" onclick="changeBg()">Click Me
</button>
<br>
<script>
const pageBody = document.querySelector("body");function changeBg()
{
let color = '#'+(Math.random()*0xFFFFFFFF<<0).toString(16);
pageBody.style.background = color;
}
</script>
</body>
</html>
</html>

```

Output

