

AIM

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

Program Code

```
<html>
<head>
<link rel="stylesheet" href="style.css">
<title>
Koratty
</title>
</head>
<body bgcolor="#FEF8DD">
<div style="background-color:lightblue" align="left">

<h1 align="center">KORATTY</h1>
<ul>
<li><p><a href="html_images.asp">HTML Images</a></p></li>
<li><p><a href="/css/default.asp">CSS Tutorial</a></p></li>
<li><p><a href="html_images.asp">HTML Images</a></p></li>
<li><p><a href="/css/default.asp">CSS Tutorial</a></p></li>
</ul>
</div>
<div align="center">





</div>
<h1><u>Koratty</u></h1>
<font size=3>From Wikipedia, the free MediaOne-</font>
```

Koratty is a census town in Thrissur district in the Indian state of Kerala. It is a main centre of Marian Pilgrimage.

<div>

<p>HTML Images</p>

<p>CSS Tutorial</p>

<h3><u>Demographics</u></h3>

As of 2011 India census,[1] Koratty had a population of 17,618. Males constitute 49% of the population and females 51%. Koratty has an average literacy rate of 96.72%, higher than the national average of 74%: male literacy is 97.94%, and female literacy is 95.58%. In Koratty, 9% of the population is under 6 years of age.

<h3><u>Tourism & Pilgrimage Travel</u></h3>

Korattymuthy - Our Lady with Poovan Bananas</p>

Korattymuthy - Shrine of Our Lady with Poovan Bananas (Poovankula Matha.) Koratty is one of the biggest Marian/Christian/Catholic pilgrimage travel destination of Kerala in India. Korattymuthy Shrine is a Pilgrimage centre in Kerala. It is also known as the Lourdes of Kerala. Korattymuthy- Our Lady with Poovan Bananas[2] is the well known name for Holy Mary or Mother Mary here. Devotees from all over the world visit Koratty annually. Every year the Feast of Koratty Muthy will commence on 1st Sunday after 10 October. The flag for the feast will be hosted on the previous Wednesday.

<h3><u>Industry</u></h3>

Koratty is also famous for its industrial units. Vaigai Thread Processors Ltd. (formerly J&P Coats, Jamuna Threads & Madura Coats and Coats Viella (I) Ltd. etc.). Another major industry is in Public Sector under the control of Government of India - Government of India Press, Koratty (GIPK). It is the one and only Indian Government controlled press in Kerala. Earlier it has been proposed to convert it into a security press for the printing of Stamp Papers and Postal Stamps etc. On modernization drive, lately Govt of India UM has decided to shut down its operation due to non-feasibility. the Other industries like Carborandum Universal, Kerala Chemicals & Proteins Ltd (KCPL) are also located here.

Sri. Panampilly Govinda Menon, former Chief Minister of Kerala and former Central Cabinet Minister for Railways, was the frontrunner in bringing these industries to Koratty and nearby areas as he was a native of Kathikudam near Koratty.

<h3><u>Kinfra Park</u></h3>

Another industrial area situated in Koratty is Kinfra Small Industries Promotion Park (KSIPP),[3] lot of small scale industrial units are situated inside the park. It is located 0.5 km east of Koratty Jn. on Konoor Rd. A new venture for manufacturing and quality control of Ayurvedic medicines promoted jointly by Kinfra & and major Ayurvedic Medicine manufactures (Pankajakasthuri, The Arya Vaidya Pharmacy, Vaidyaratnam Oushadasala, Nagarjuna, Sitaram, Sreedhareeyam, S.D. Pharmacy, Kandamkulathy, Dhanwantari and Kerala Ayurveda Pharmacy) namely Confederation of Ayurvedic Renaissance-Keralam Pvt Ltd (CARE-Keralam),[4] is also upcoming in 10 acres (40,000 m²) of land near Koratty Kinfra Park.

Infopark Thrissur

An IT park is started functioning in this town from 10 October 2009 -known as Infopark Thrissur. More than 30 companies[5] are functioning in this park. Infopark Thrissur is considered to provide direct employment to 3,000 people and may boost the real estate sector in this area. The new upcoming campus consisting of a multistory building, with more than one lakh square feet built up area got Special economic zone (SEZ) status from government of India in July 2014.[6] and will be known as 'INFOPARK -Koratty'

Educational Institutions

Several educational institutions are located in Koratty Town and nearby areas. Mar Augustine Memorial Higher Secondary School (MAMHS), Little Flower Convent Higher Secondary School (LFCGHSS), Government Poly Technic College (GPC), Naipunnya Institute of Management and Information Technology, Perpetual Succour Higher Secondary School (PSHSS), Thirumudikkunnu are the major institutions of Koratty.

References

<p>HTML Images</p>

<p>CSS Tutorial</p>

<p>HTML Images</p>

<p>CSS Tutorial</p>

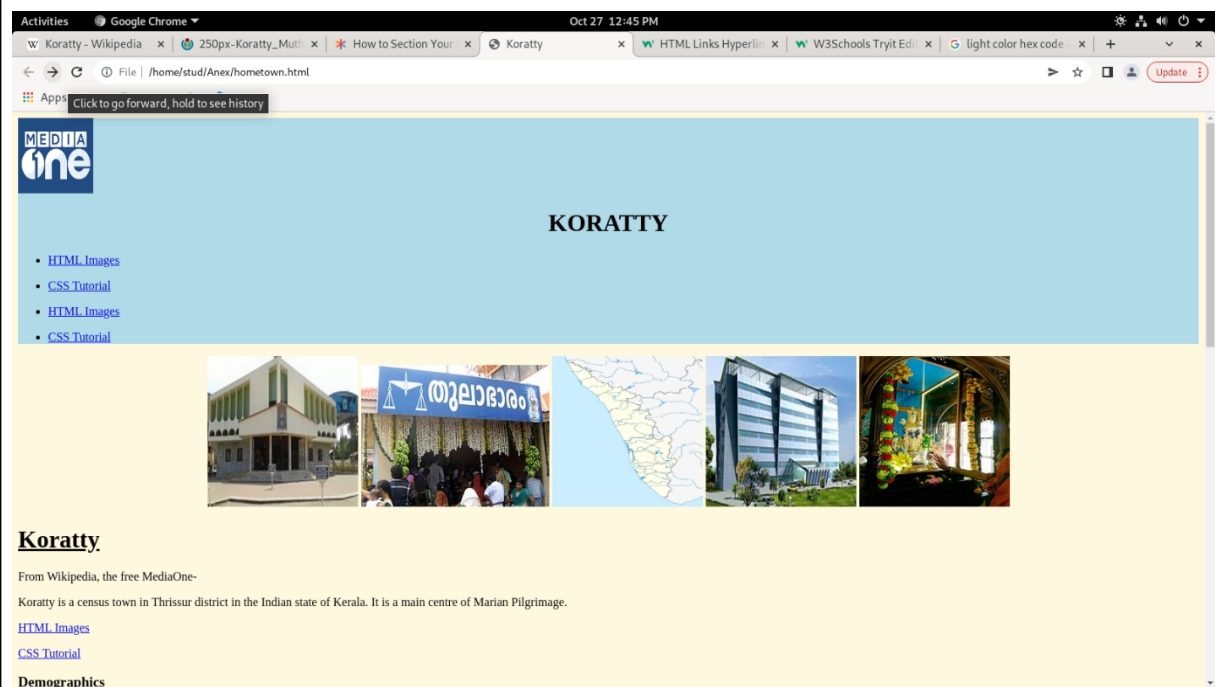
<p>HTML Images</p>

External Links

<p>HTML Images</p>

```
<li><p><a href="/css/default.asp">CSS Tutorial</a></p></li>
<li><p><a href="html_images.asp">HTML Images</a></p></li>
<li><p><a href="/css/default.asp">CSS Tutorial</a></p></li>
<li><p><a href="html_images.asp">HTML Images</a></p></li>
</ul>
</body>
</html>
```

Output



AIM

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

Program Code

BIO-DATA.html

```
<html>  
<head>  
<title>  
</title>  
<style>  
.myDiv {  
width: 700px;  
height: 700px;  
position: absolute;  
top: 20%;  
left: 30%;  
background-color: lightblue;  
text-align: center;  
border-style: dotted;  
}  
</style>  
</head>  
<body background="/home/stud/Anex/blue.webp">  
<div class="myDiv">  
<br><br><h1><u>BIO&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;DATA</u></h1><br>  
  
<h2>NAME :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&ANEX PAULY</h3>  
<h3>PERSONAL DETAILS: &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a  
href="/home/stud/Anex/personal.html">Click Here</a></h3></li>  
<h3>ACADEMIC DETAILS: &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a  
href="/home/stud/Anex/academic.html">Click Here</a></h3></li>
```

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

Personal details.html

```
<html>
<head>
<title>
</title>
<style>
.myDiv {
width: 700px;
height: 700px;
position: absolute;
top: 20%;
left: 30%;
background-color: lightblue;
text-align: center;
border-style: dotted;
}
</style>
</head>
<body background="/home/stud/Anex/blue.webp">
<div class="myDiv">
<br><br><h1><u>PERSONAL DETAILS</u></h1><br>

<h3><u>NAME :</u>&nbsp;&nbsp;&nbsp;&nbsp;&ANEX PAULY</h3>
<h3><u>FATHER'S NAME :</u>&nbsp;&nbsp;&nbsp;&nbsp;&PAULY GEORGE</h3>
<h3><u>MOTHER'S NAME :</u>&nbsp;&nbsp;&nbsp;&nbsp;&SIJI PAULY</h3>
<h3><u>DOB :</u>&nbsp;&nbsp;&nbsp;&nbsp;&18/03/1998</h3>
<h3><u>PLACE :</u>&nbsp;&nbsp;&nbsp;&nbsp;&KORATTY</h3>
```

ADDRESS : CHALISSERY (H) KORATTY P.O KATTAPPURAM

BLOOD GROUP : O+ve

Academic details.html

<html>

<head>

<title>

</title>

<style>

 th, td { |

padding-top: 10px;

padding-bottom: 20px;

padding-left: 30px;

padding-right: 40px;

}

| |
|-----------------|
| table, th, td { |
|-----------------|

border: 1px solid black;

border-collapse: collapse;

}

| tr, td, th { | |

```
background-color: #D6EEEE;
```

$$\}$$

```
.myDiv {
```

```
width: 700px;
```

```
height: 700px;
```

```
position: absolute;
```

```
top: 20%;
```

```
left: 30%;
```

background-color: lightblue;

```

text-align: center;
border-style: dotted;
}
</style>
</head>
<body background="/home/stud/Anex/blue.webp">
<div class="myDiv">
<br><br><h1><u>ACADEMIC DETAILS</u></h1><br>
<table style="height:50%" align="center" border="1">
<tr>
<th>
Qualification
</th>
<th cellspacing="5">
Institution
</th>
<th>
Marks Obtained
</th>
</tr>
<tr>
<th>
10th
</th>
<td>
Little Flower Public School
</td>
<td>
80%
</td>
</tr>
<tr>
<th>

```


+2

</th>

<td>

MAMHSS

</td>

<td>

85%

</td>

</tr>

<tr>

<th>

Degree - Bsc. CS

</th>

<td>

Naipunnya

</td>

<td>

72%

</td>

</tr>

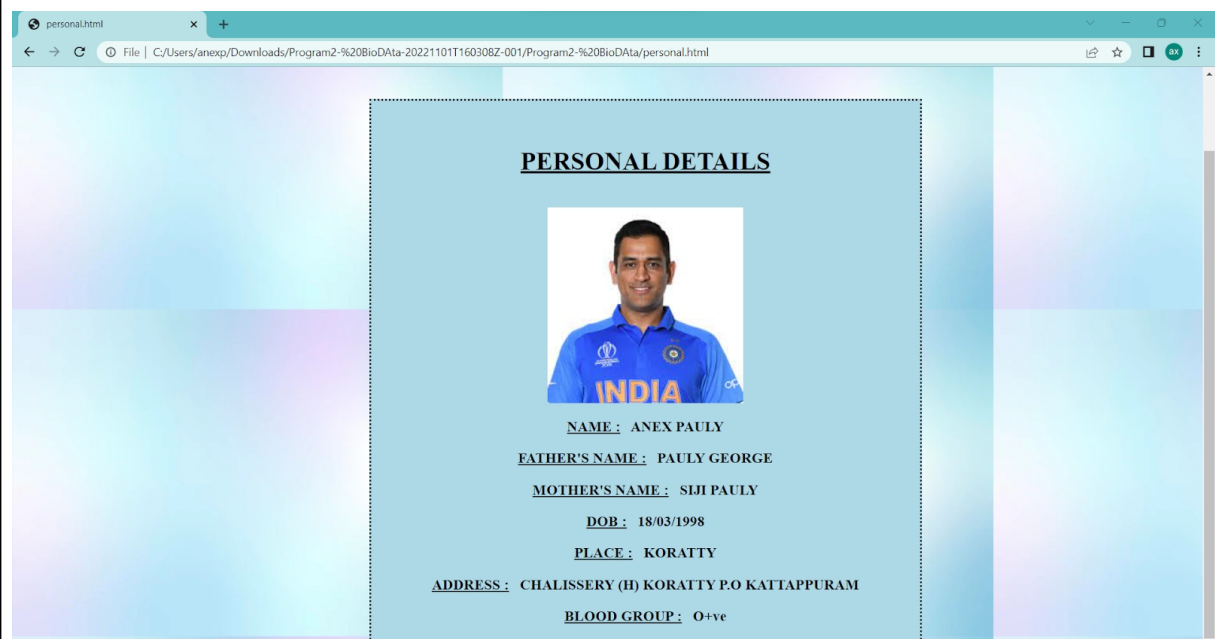
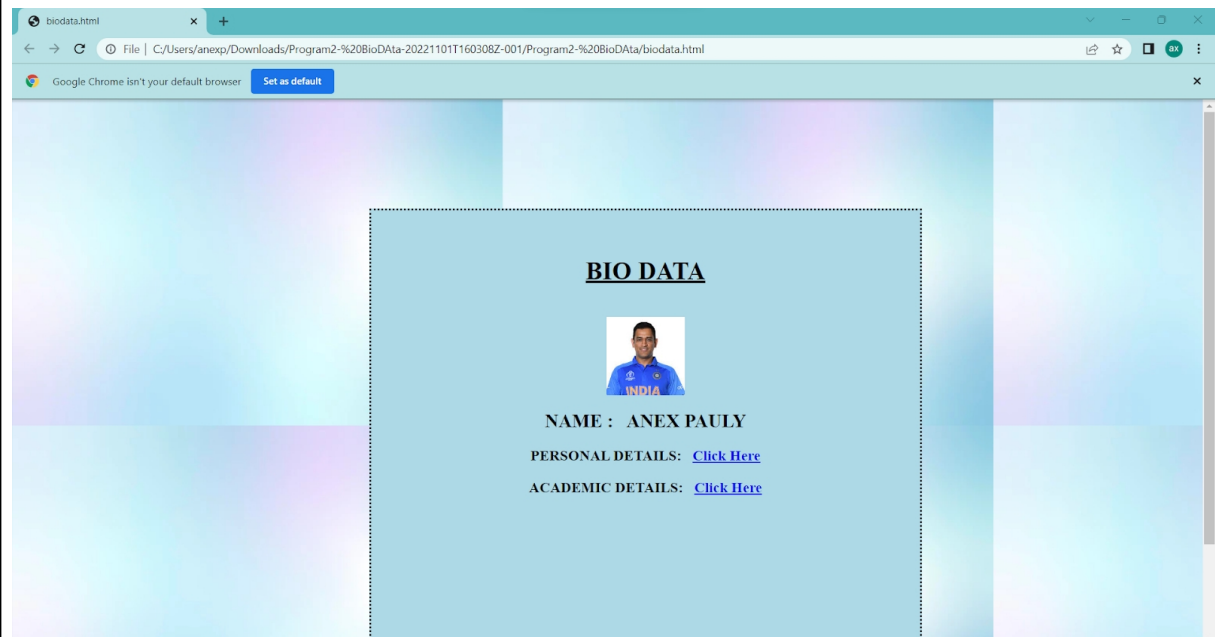
</table>

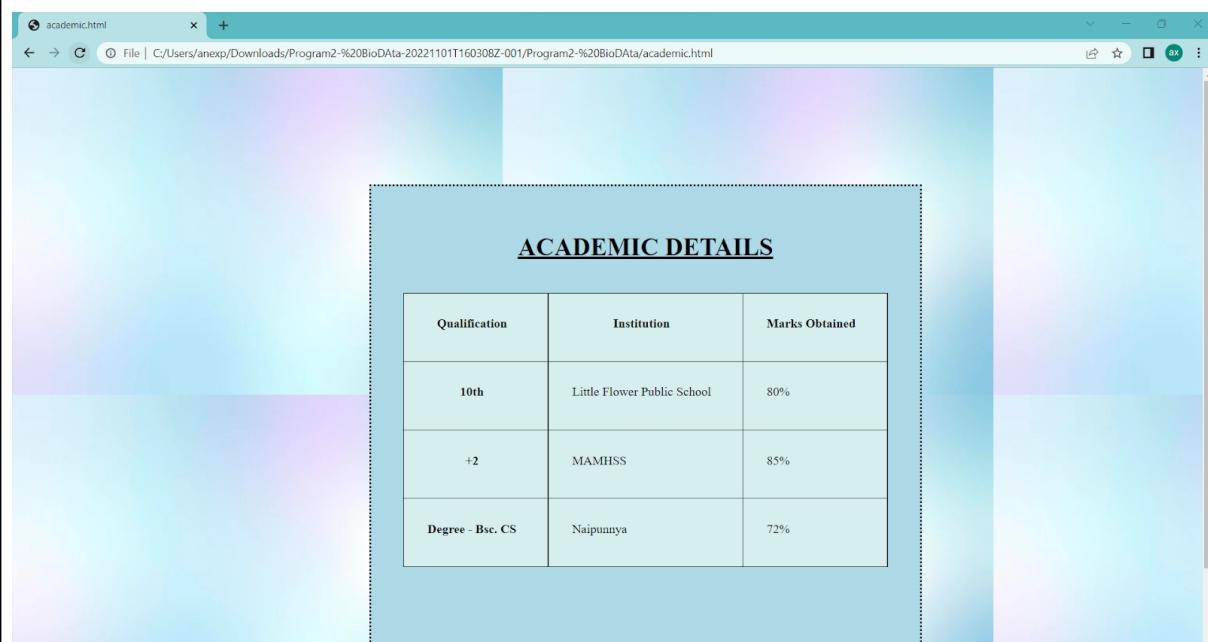
</div>

</body>

</html>

Output





The screenshot shows a web browser window with a single tab titled 'academic.html'. The address bar displays the file path: 'File | C:/Users/anexp/Downloads/Program2-%20BioData-20221101T160308Z-001/Program2-%20BioData/academic.html'. The page content features a light blue background with a central white rectangular area. Inside this area, the title 'ACADEMIC DETAILS' is centered at the top. Below the title is a table with three columns: 'Qualification', 'Institution', and 'Marks Obtained'. The table contains three rows of data.

| Qualification | Institution | Marks Obtained |
|------------------|-----------------------------|----------------|
| 10th | Little Flower Public School | 80% |
| +2 | MAMHSS | 85% |
| Degree - Bsc. CS | Naipunnya | 72% |

AIM

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

Program Code

[illegible]

Name: <input type="text" placeholder="Name of the student" name="name" required>

Gender: Male <input type="radio" placeholder="Gender of the student" name="Gend" required>

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

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

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

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

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

<u>Academic Details</u>

Xth Details

Board of Exam: <input type="text" placeholder="DOB of student" name="dob" required>

School name & Place: <input type="text" placeholder="Phone no of the student" name="mob" required>

Registration Number: <input type="text" placeholder="DOB of student" name="dob" required>

Year of passing:

<select>

<option value="2019">2019</option>

<option value="2020">2020</option>

<option value="2021">2021</option>

<option value="2022">2022</option>

</select>

<button type="submit" value="Submit1">Submit</button>

XIIth Details

Board of Exam: <input type="text" placeholder="DOB of student" name="dob" required>

School name & Place: <input type="text" placeholder="Phone no of the student" name="mob" required>

Registration Number: <input type="text" placeholder="DOB of student" name="dob" required>

Year of passing:

<select>

<option value="2019">2019</option>

<option value="2020">2020</option>

<option value="2021">2021</option>

<option value="2022">2022</option>

</select>

<button type="submit" value="Submit2">Submit</button>

Degree Details

Board of Exam: <input type="text" placeholder="DOB of student" name="dob" required>

School name & Place: <input type="text" placeholder="Phone no of the student" name="mob" required>

Registration Number: <input type="text" placeholder="DOB of student" name="dob" required>

Year of passing:

<select>

<option value="2019">2019</option>

<option value="2020">2020</option>

<option value="2021">2021</option>

<option value="2022">2022</option>

</select>

<button type="submit" value="Submit2">Submit</button>

<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>

Output

File | C:/Users/anexp/Downloads/pgm3-form-20221103T185956Z-001/pgm3-form/aform.html

FISAT

MCA REGISTRATION - 2022

Name:

Gender: Male ☐ Female ☐

Date of Birth:

Mobile Number:

Parent mobile Number:

Email Id:

Academic Details

Xth Details

Board of Exam:

School name & Place:

Registration Number:

Year of passing:

XIIth Details

Board of Exam:

School name & Place:

Registration Number:

Year of passing:

Degree Details

The screenshot shows a web browser window with the address bar displaying the file path: `C:/Users/anexp/Downloads/pgrm3-form-20221103T185956Z-001/pgrm3-form/aform.html`. The browser has two tabs open: 'pgrm3-form - Google Drive' and 'aform.html'. The main content area of the browser displays a form titled 'Degree Details' centered on a yellow background. The form contains the following fields and buttons:

- Degree Details** (Section Header)
- Board of Exam:**
- School name & Place:**
- Registration Number:**
- Year of passing:**
- Submit** (Button)
- Submit** (Button)
- Reset** (Button)

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>
</title>
<style>
.myDiv{
width: 700px;
    height: 700px;
    position: absolute;
    top: 20%;
    left: 30%;
    background-color: lightblue;
    text-align: center;
    border-style: dotted;
}
</style>
</head>
<body background="C:\Users\anexp\Downloads\pgrm4-FRames-20221107T164259Z-001\
pgrm4-FRames\5570863.jpg">
<div class="myDiv">
<br><br><h1><u>FRAMES</u></h1><br>
<h3>Navigation Frame: &nbsp;&nbsp;&nbsp;<a href="C:\Users\anexp\Downloads\pgrm4-FRames-
20221107T164259Z-001\pgrm4-FRames\Nested.html">Click Here</a></h3>
<h3>Mixed Frame: &nbsp;&nbsp;&nbsp;<a href="C:\Users\anexp\Downloads\pgrm4-FRames-
20221107T164259Z-001\pgrm4-FRames\mixedframe.html">Click Here</a></h3>
<h3>iFrame: &nbsp;&nbsp;&nbsp;<a href="C:\Users\anexp\Downloads\pgrm4-FRames-
20221107T164259Z-001\pgrm4-FRames\iframe.html">Click Here</a></h3>
```

```
</div>
```

```
</body>
```

```
</html>
```

Nested html

```
<html>
```

```
<head>
```

```
<title>
```

```
</title>
```

```
<style>
```

```
frame.Frame1 {
```

```
border-style: outset;
```

```
border-color: lightblue;
```

```
background-color: lightblue;
```

```
}
```

```
frame.Frame2 {
```

```
border-style: outset;
```

```
border-color: lightblue;
```

```
background-color: lightyellow;
```

```
}
```

```
frame.Frame3 {
```

```
border-style: outset;
```

```
border-color: lightblue;
```

```
}
```

```
</style>
```

```
</head>
```

```
<frameset frameBorder="0" cols="150,*">
```

```
<frame class="Frame1" src="navigation.html" scrolling="no">
```

```
<frameset frameBorder="0" rows="20%,80%">
```

```
<frame class="Frame2" src="intro.html" scrolling="no">
```

```
<frame name="MainF" class="Frame3" src="" scrolling="no">
```

```
</frameset>
```

```
</frameset>
```

```
</html>
```

Navigation Html

```
<html>
<head>
<title>
Navigation Bar
</title>
</head>
<body>
<center>
<h2><u>Navigation Links</u></h2>
<br>
<br>
<br>
<br>
<br>
<br>
<h3><a href="note1.html" target="MainF">First Page</a></h3><br><br>
<h3><a href="note2.html" target="MainF">Second Page</a></h3><br>
</center>
</body>
</html>
```

Intro html

```
<html>
<head>
<title>
</title>
<style>
img.Image2 {
position: absolute;
top: 8px;
right: 16px
}
h2{
```

```
font-family: "Lucida Console";
}
</style>
</head>
<body>

<h2 align="center"><u>NOTEBOOK</u></h2>

</body>
</html>
```

Note1 html

```
<html>
<head>
<title>
</title>
<style>
h2{
font-family: "Lucida Console";
}
</style>
</head>
<body>
<h3><p>Classmate is an Indian brand of student stationery products. ITC Limited (formerly
Indian Tobacco Company) launched its Classmate brand in 2003 with the notebooks
category. Subsequently, Classmate added pens, pencils, mechanical pencils and geometry
boxes to its portfolio. It uses eco-friendly and elemental chlorine-free paper.</p>
<p>Classmate launched a program called Classmate Ideas for India challenge.This was a part
of the company's centenary initiative.The nationwide program would invite ideas of the youth
who have the potential to transform India. Classmate Ideas for India challenge plans to reach
out to 2.5 million students across 30 cities, 500 schools and 200 colleges across the
country.The CII-ITC Centre of Excellence for Sustainable Development, WWF India, the
```

Tony Blair Faith Foundation, Janaagraha and the Akshaya Patra Foundation among others are the program partners for the event. The program will encourage the finalists with an internship with relevant program partners, besides cash prizes and other rewards. Additionally, the top five winners would be sent to a one-week international study tour.

This first took off in 2015. Classmate launched a new initiative - Classmate Art Academy to promote its latest range of art products. The certificate training program brought together art teachers from top schools of New Delhi under one roof, to provide them with a platform to learn new skills. The property was executed by Victor Tango. Classmate recognizes the advantages of nurturing artistic pursuits in the all-round development of a child and aims at providing them with the right tools. The exciting range of Classmate Colour Crew products consist of Sketch Pens, Wax Crayons and Oil Pastels, designed to ensure that the uniqueness of each child shines through in the most colourful way.

Note2 Html

```
<li>Ruled Book</li>
<li>Unruled Book</li>
<li>Ruled Book</li>
<li>Unruled Book</li>
<li>Ruled Book</li>
<li>Unruled Book</li>
<li>Ruled Book</li>
<li>Unruled Book</li>
<li>Ruled Book</li>
<li>Unruled Book</li>
<li>Ruled Book</li>
<li>Unruled Book</li>
<li>Ruled Book</li>
</ul>
</h3>
</body>
</html>
```

Mixedframe html

```
<html>
<head>
<title>
</title>
<style>
frame.Frame1 {
border-style: outset;
border-color: lightblue;
}
frame.Frame2 {
border-style: outset;
border-color: lightblue;
background-color: lightgreen;
}
```

```

frame.Frame3 {
border-style: outset;
border-color: lightblue;
}
</style>
</head>
<frameset frameBorder="0" cols="150,*">
<frame class="Frame1" src="note2.html" scrolling="no">
<frameset frameBorder="0" rows="20%,80%">
<frame class="Frame2" src="intro.html" scrolling="no">
<frame class="Frame3" src="note1.html" scrolling="no">
</frameset>
</frameset>
</html>

```

Floating Frame.html

```

<html>
<head>
<title>
Navigation Bar
</title>
<style>
iframe.Frame1 {
border-style: outset;
border-color: lightblue;
background-color: lightblue;
}
</style>
</head>
<body>
<center>
<h2><u>Floating Frame</u></h2>
<br>
<br>

```



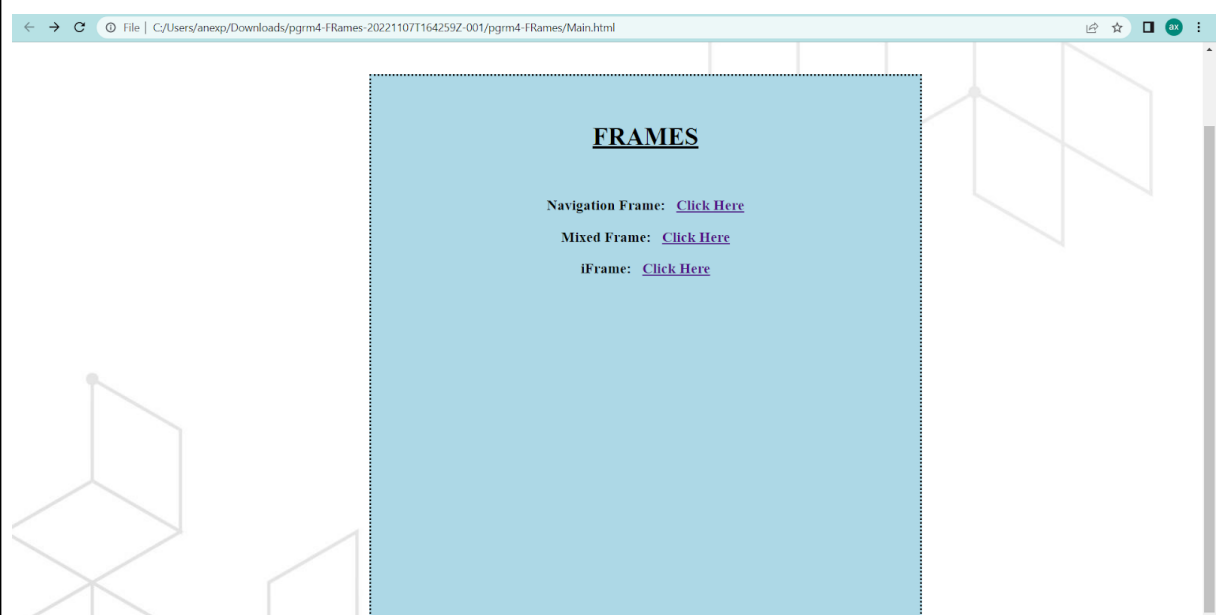
```
<iframe class="Frame1" src="note1.html" height="50%" width="50%">
```

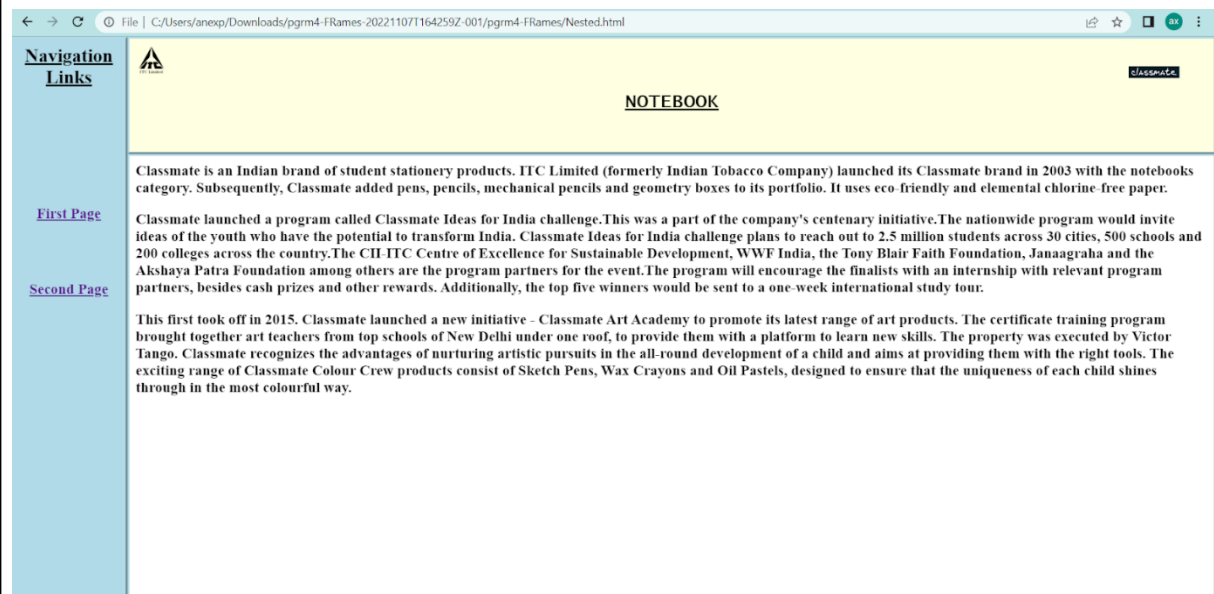
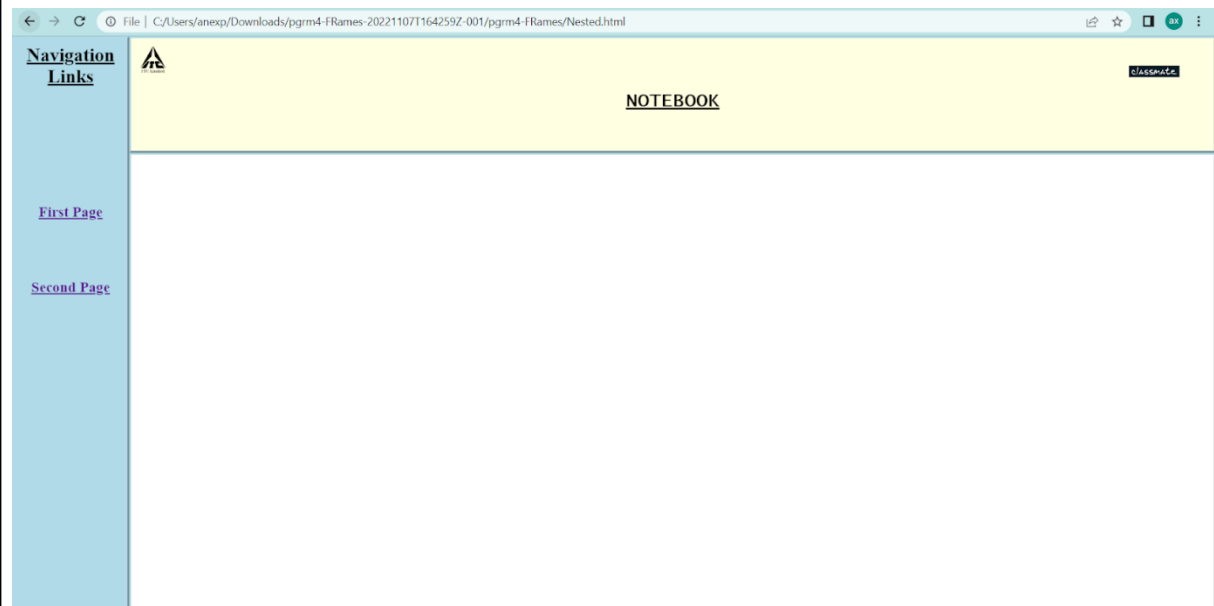
```
</iframe>
```

```
</body>
```

```
</html>
```

Output





Navigation Links

First Page

Second Page

NOTEBOOK

Different Types

- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book

Different Types

- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book
- Unruled Book
- Ruled Book

NOTEBOOK

Classmate is an Indian brand of student stationery products. ITC Limited (formerly Indian Tobacco Company) launched its Classmate brand in 2003 with the notebooks category. Subsequently, Classmate added pens, pencils, mechanical pencils and geometry boxes to its portfolio. It uses eco-friendly and elemental chlorine-free paper.

Classmate launched a program called Classmate Ideas for India challenge. This was a part of the company's centenary initiative. The nationwide program would invite ideas of the youth who have the potential to transform India. Classmate Ideas for India challenge plans to reach out to 2.5 million students across 30 cities, 500 schools and 200 colleges across the country. The CII-ITC Centre of Excellence for Sustainable Development, WWF India, the Tony Blair Faith Foundation, Janaagraha and the Akshaya Patra Foundation among others are the program partners for the event. The program will encourage the finalists with an internship with relevant program partners, besides cash prizes and other rewards. Additionally, the top five winners would be sent to a one-week international study tour.

This first took off in 2015. Classmate launched a new initiative - Classmate Art Academy to promote its latest range of art products. The certificate training program brought together art teachers from top schools of New Delhi under one roof, to provide them with a platform to learn new skills. The property was executed by Victor Tango. Classmate recognizes the advantages of nurturing artistic pursuits in the all-round development of a child and aims at providing them with the right tools. The exciting range of Classmate Colour Crew products consist of Sketch Pens, Wax Crayons and Oil Pastels, designed to ensure that the uniqueness of each child shines through in the most colourful way.

← → ↻ File | C:/Users/anexp/Downloads/pgm4-Frames-20221107T164259Z-001/pgm4-Frames/iframe.html

🔍 ☆ 📄 95 ⋮

Floating Frame

Classmate is an Indian brand of student stationery products. ITC Limited (formerly Indian Tobacco Company) launched its Classmate brand in 2003 with the notebooks category. Subsequently, Classmate added pens, pencils, mechanical pencils and geometry boxes to its portfolio. It uses eco-friendly and elemental chlorine-free paper.

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This first took off in 2015. Classmate launched a new initiative - Classmate Art Academy to promote its latest range of art products. The certificate training program brought together

AIM

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

Program Code

CODE - css.html

```
<html>
<head>
<title>
</title>
<style>
.myDiv{
    width: 694px;
    height: 100px;
    position: absolute;
    top: 40%;
    left: 0%;
    background-color: lightblue;
    text-align: center;
    border-style: dotted;
}
.myDiv1{
    width: 700px;
    height: 700px;
    position: absolute;
    top: 10%;
    left: 30%;
    background-color: lightgreen;
    text-align: center;
}
</style>
<link rel="stylesheet" href="style1.css">
</head>
```

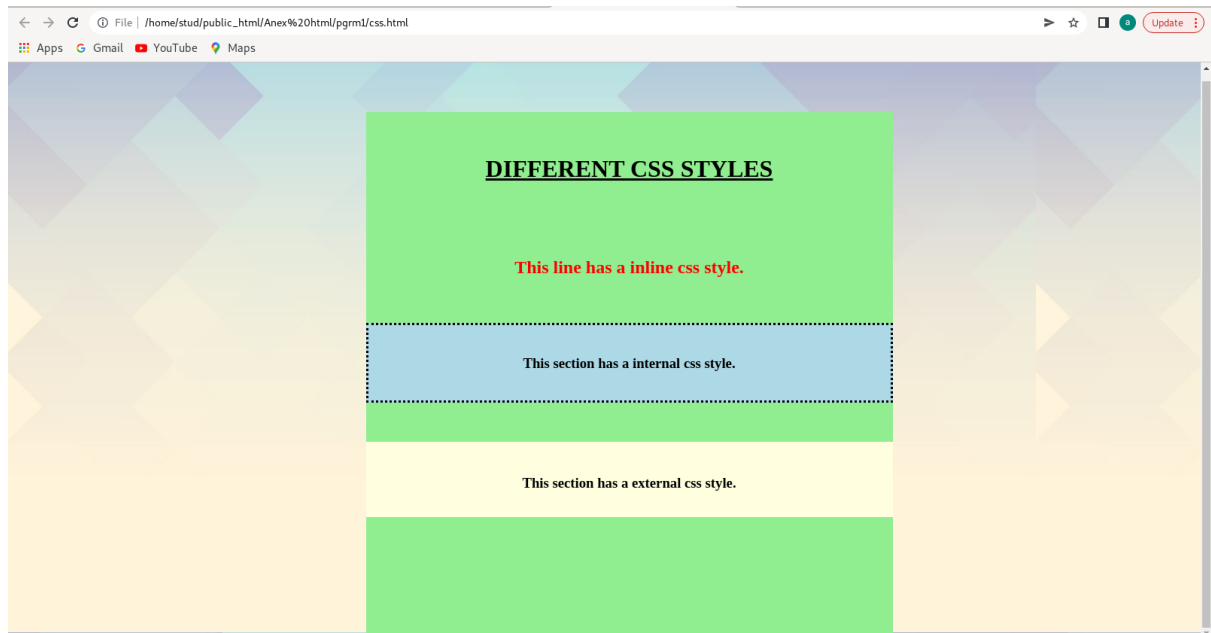
```
<body background="/home/stud/public_html/Anex html/pgm1/back.jpg">
<div class="myDiv1">
<br><br><h1><u>DIFFERENT CSS STYLES</u></h1><br><br><br>
<div class="myDiv">
<h3><br>This section has a internal css style.</h3>
</div>
<h3 style="color:red;font-size:24px;">This line has a inline css style.</h3>
<h3 class="he"><br><br>This section has a external css style.</h3>
</div>
</body>
</html>
```

CODE – style.css

```
h3.he{

width: 700px;
height: 100px;
position: absolute;
top: 60%;
left: 0%;
background-color: lightyellow;
text-align: center;
}
```

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\pgrm3-form-20221103T185956Z-001\
pgrm3-form\back.jpg">
<div class="myDiv">
<br><br><h1><u>USER&nbsp;&nbsp;&nbsp;REGISTRATION&nbsp;&nbsp;&nbsp;-
&nbsp;&nbsp;&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;

```

text-align: center;

border-style: groove;

border-color: #92a8d1;

}

</style>

</head>

<body background="C:\Users\anexp\Downloads\pgrm3-form-20221103T185956Z-001\
pgrm3-form\back.jpg">

<div class="myDiv">

<br><br><h1><u>USER    REGISTRATION    DETAILS   &
nbsp;   SAVED</u></h1><br>

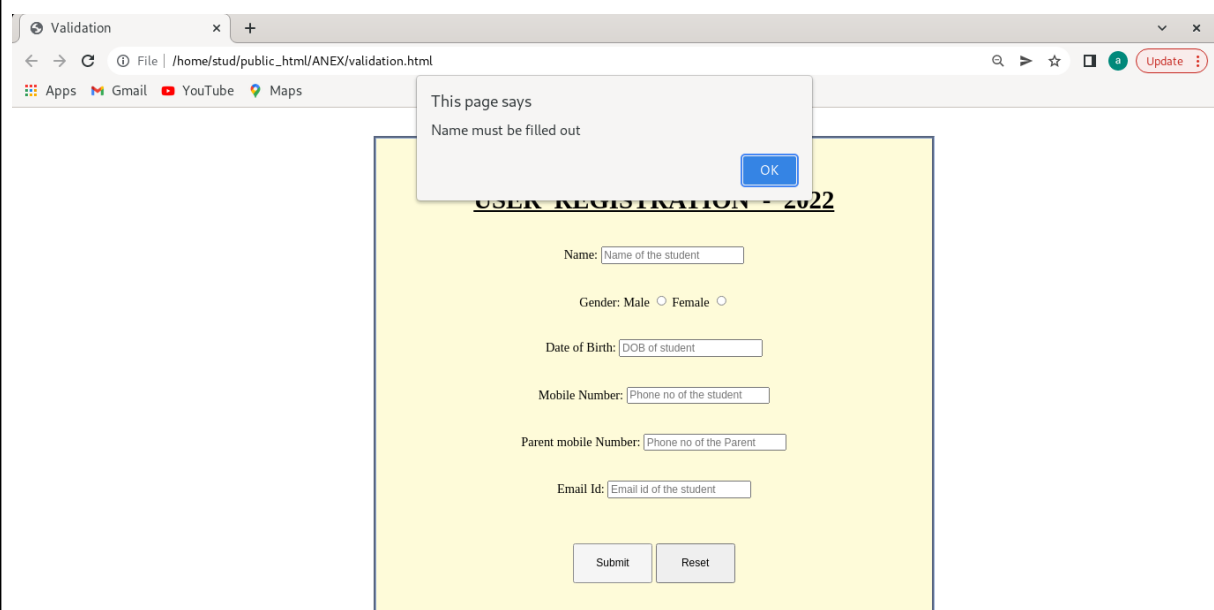
</div>

</body>

</html>

```

Output



Validation

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

Apps Gmail YouTube Maps

This page says
Mobile No must be filled out

OK

USER REGISTRATION - 2022

Name:

Gender: Male ☐ Female ☐

Date of Birth:

Mobile Number:

Parent mobile Number:

Email Id:

Submit Reset

Success

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

Apps Gmail YouTube Maps

USER REGISTRATION DETAILS SAVED

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: 700px;
    position: absolute;
    top: 5%;
    left: 15%;
    background-color: #ffbbc9;
    text-align: center;
    border-style: groove;
    border-color: #92a8d1;
}
.myDiv1 {
    width: 500px;
    height: 1000px;
    position: absolute;
    top: 5%;
    left: 50%;
    background-color: #ffbbc9;
    text-align: center;
    border-style: groove;

    border-color: #92a8d1;
}
```

```
</style>
</head>
<body>
<div class="myDiv">
<br><br><h2><u>STRING&nbsp;&nbsp;&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="text4">
</p>
<p id="text5">
</p>
<p id="text6">
</p>
<p id="text7">
</p>
<p id="text8">
</p>
<p id="text9">
</p>
<p id="text10">
</p>
<p id="text11">
</p>
<p id="text12">
</p>
```

```
</div>
<div class="myDiv1">
<br><br><h2><u>MATH&nbsp;&nbsp; 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="textc">
</p>
<p id="textd">
</p>
<p id="texte">
</p>
<p id="textf">
</p>
<p id="textg">
</p>
<p id="texth">
</p>
<p id="texti">
</p>
<p id="textj">
</p>
<p id="textk">
</p>
```

```

<p id="text1">
</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 sub = text.substring(4,6);
let subs = text.substr(-1);
let re = text.replace("anex","paul");
let rep = text.replaceAll("m","M");
let up = text.toUpperCase();
let lo = text.toLowerCase();
let co = text.concat("", "paul");
let tr = text.trim();
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("text4").innerHTML = "The Sub String from 4th to 6th
position is : " + sub;
document.getElementById("text5").innerHTML = "The Subpart of the String is : " + subs;
document.getElementById("text6").innerHTML = "The replaced String is : " + re;
document.getElementById("text7").innerHTML = "The replaceAll String is : " + rep;
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("text11").innerHTML = "The Trimmed String is : " + tr;

```

```

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 ce = Math.ceil(text);
let fl = Math.floor(text);
let tu = Math.trunc(text);
let si = Math.sign(text);
let po = Math.pow(text,2);
let sq = Math.sqrt(text);
let ab = Math.abs(text);
let sin = Math.sin(text * Math.PI / 180);
let cos = Math.cos(text * Math.PI / 180);
let min = Math.min(0, 150, 30, 20, -8, -200);
let max = Math.max(0, 150, 30, 20, -8, -200);
let ra = Math.random();
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>" +
"<p><b>Math.LN10:</b> " + Math.LN10 + "</p>" +
"<p><b>Math.LOG2E:</b> " + Math.LOG2E + "</p>"
document.getElementById("textb").innerHTML = "The Rounded value is " + ro;
document.getElementById("textc").innerHTML = "The Rounded value using ceil function
is " + ce;
document.getElementById("textd").innerHTML = "The Rounded value using floor
function is " + fl;
document.getElementById("texte").innerHTML = "The Rounded value using truncate
function is " + tu;
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("texth").innerHTML = "The sin value for the angle given is " +
sin;
document.getElementById("texti").innerHTML = "The cos value for the angle given is " +
cos;
document.getElementById("textj").innerHTML = "The min value for the given
values(0,150,30,20,-8,-200) is " + min;
document.getElementById("textk").innerHTML = "The max value for the given
values(0,150,30,20,-8,-200) is " + max;
document.getElementById("textl").innerHTML = "The random value between 0 and 1 is "
+ ra;
document.getElementById("textm").innerHTML = "The log value for the given number is
" + l;
return true;
}
</script>
</html>

```

Output

The screenshot displays two side-by-side web application panels. The left panel, titled 'STRING FUNCTIONS', features a text input field containing 'myNameIsanex' and a 'Submit' button. Below the input, the output shows various string operations: 'The String Length is : 12', 'The Sliced String from 3rd to 5th position is : am', 'The Sub String from 4th to 6th position is : me', 'The Subpart of the String is : x', 'The replaced String is : myNameIsapauly', 'The replaceAll String is : MyNaMeIsanex', 'The Uppercased String is : MYNAMEISANEX', 'The Lowercased String is : mynameisanex', 'The concated String is : myNameIsanexpauly', 'The Trimed String is : myNameIsanex', and 'The Character at 2nd position of the String is : N'. The right panel, titled 'MATH FUNCTIONS', features a text input field containing '5' and a 'Submit' button. Below the input, the output shows mathematical constants and operations: 'Math.E: 2.718281828459045', 'Math.PI: 3.141592653589793', 'Math.LN10: 2.302585092994046', 'Math.LOG2E: 1.4426950408889634', 'The Rounded value is 5', 'The Rounded value using ceil function is 5', 'The Rounded value using floor function is 5', 'The Rounded value using truncate function is 5', and 'The sign of the value is 1'.

Output

The String Length is : 12
 The Sliced String from 3rd to 5th position is : am
 The Sub String from 4th to 6th position is : me
 The Subpart of the String is : x
 The replaced String is : myNameispauly
 The replaceAll String is : MyNaMeisanex
 The Uppercased String is : MYNAMEISANEX
 The Lowercased String is : mynameisanex
 The concated String is : myNameisanexpauly
 The Trimed String is : myNameisanex
 The Character at 2nd position of the String is : N

Output

Constants

Math.E: 2.718281828459045
Math.PI: 3.141592653589793
Math.LN10: 2.302585092994046
Math.LOG2E: 1.4426950408889634

The Rounded value is 5
 The Rounded value using ceil function is 5
 The Rounded value using floor function is 5
 The Rounded value using truncate function is 5

The sign of the value is 1
 The power of the value with 2 is 25
 The sin value for the angle given is 0.08715574274765817
 The cos value for the angle given is 0.9961946980917455
 The min value for the given values(0,150,30,20,-8,-200) is -200
 The max value for the given values(0,150,30,20,-8,-200) is 150
 The random value between 0 and 1 is 0.17985785332426207
 The log value for the given number is 1.6094379124341003

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>
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()*0xFFFFFFFF<<0).toString(16);
pageBody.style.background = color;
}
</script>
</body>
</html>
```

Output

