FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

20MCA133 WEB PROGRAMMING LAB

LABORATORY RECORD

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Branch: MASTER OF COMPUTER APPLICATIONS

Semester: 1 Batch: A Roll No: 56

University Registration Number: FIT21MCA-2056

MARCH 2022

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

CERTIFICATE

This is to certify that this is a Bonafide record of the Practical work done by ***EMMANUEL JOSE (FIT21MCA-2056)*** *in the* ***20MCA133 WEB PROGRAMMING LAB*** *Laboratory towards the partial fulfilment for the award of the Master Of Computer Applications during the academic year 2021-2022.*

Signature of Staff in Charge

Name:

Signature of H O D

Name:

Date of University practical examination ……

Signature of
Internal Examiner

Signature of
External Examiner

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Experiment No: 1

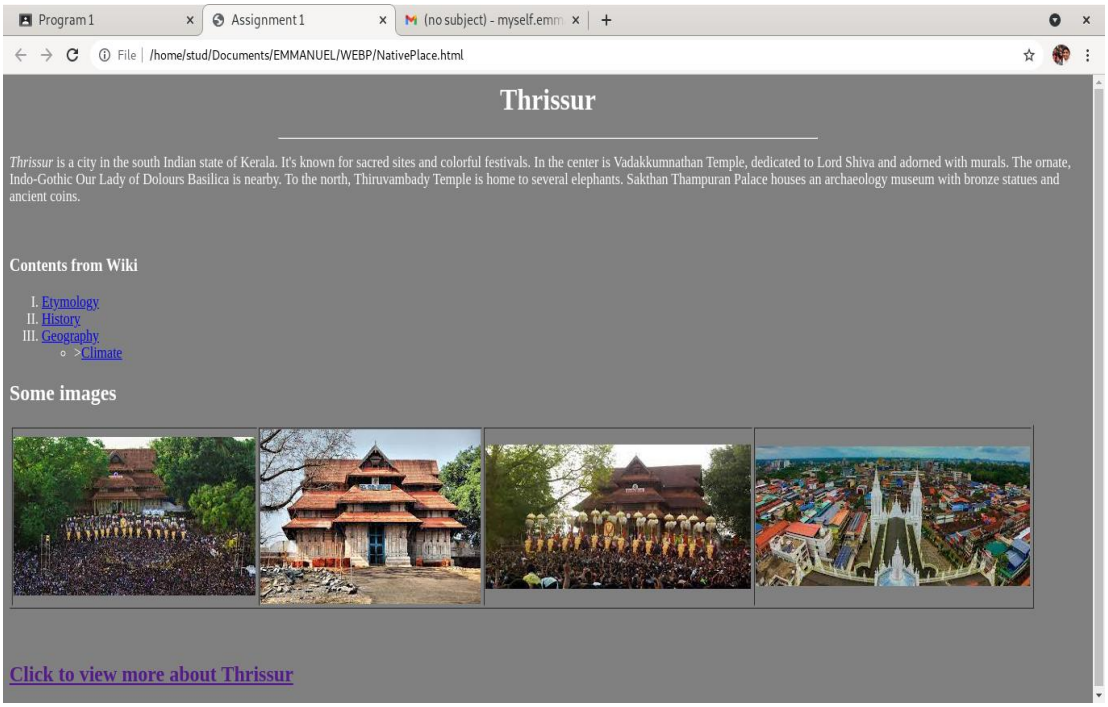
Aim: Create a simple html file to demonstrate the use of different tags.

Source code

```
<html>
<head>
<title>
Assignment 1</title>
<body font="Times New Roman" bgcolor="grey" text="white">
<h1 align="center">Thrissur</h1>
<hr align="center" width="50%">
<p>
<font color="white"><i>Thrissur</i></font> is a city in the south Indian state of Kerala. It's known for sacred sites and colorful festivals. In the center is Vadakkumnathan Temple, dedicated to Lord Shiva and adorned with murals. The ornate, Indo-Gothic Our Lady of Dolours Basilica is nearby. To the north, Thiruvambady Temple is home to several elephants. Sakthan Thampuran Palace houses an archaeology museum with bronze statues and ancient coins.</p>
<br>
<h3>Contents from Wiki</h3>
<ol type="I">
<li><a href="https://en.wikipedia.org/wiki/Thrissur#Etymology">Etymology</a></li>
<li><a href="https://en.wikipedia.org/wiki/Thrissur#History">History</a></li>
<li><a href="https://en.wikipedia.org/wiki/Thrissur#Geography">Geography</a></li>
<ul type="disk">
<li><><a href="https://en.wikipedia.org/wiki/Thrissur#Climate">Climate</a></li>
</ul>
</ol>
<h2>Some images</h2>
<table border="1">
<td><img src="/home/ccf/Documents/Thrissur.jpg">
<td><img src="/home/ccf/Documents/Thrissur2.jpg">
<td><img src="/home/ccf/Documents/Thrissur3.jpg">
```

```
<td><img src="/home/ccf/Documents/Thrissur4.jpg">

</table>

<br><br>

<a href="https://en.wikipedia.org/wiki/Thrissur"><h2>Click to view more about Thrissur</h2></a>

</body>

</html>
```

Output



Experiment No: 2

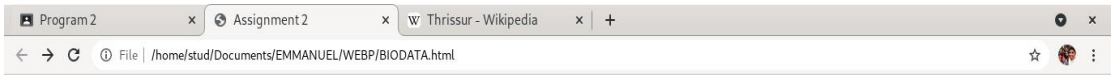
Aim: Create your bio data by using the html tags for hyperlinks, images, table, frame and fonts. Make it attractive by using the various color elements. The design should contain a minimum of 3 hyperlinks

Source code

```
<html>
<head>
<title>
Assignment 2</title>
</head>
<body align="center">
<h1 align="center">BIO DATA</h1>
<hr align="center" width="50%">
<table align="center" border="2">
<tr>
<th>Name</th>
<td>Emmanuel Jose</td>
</tr>
<tr>
<th>Address</th>
<td>Anugraha (H), Nellankara,<a
href="/home/ccf/Documents/NativePlace.html">Thrissur</a></td>
</tr>
<tr>
<th>Mobile</th>
<td>+91 9061524624</td>
</tr>
<tr>
<th>Email-id</th>
<td>myself.emmanuel.jose@gmail.com</td>
</tr><tr>
```

```
<th>Gender</th>
<td>Male</td>
</tr><tr>
<th>Father's Name</th>
<td>Jose Arakkal</td>
</tr><tr>
<th>Date of Birth</th>
<td>06-02-2000</td>
</tr><tr>
<th>Education</th>
<td>12th, BCA</td>
</tr><tr>
<th>Languages Known</th>
<td>English, Hindi, Malayalam</td>
</tr><tr>
<th>Blood Group</th>
<td>B+ve</td>
</tr>
<tr>
<th>Image of Thrissur</th>
<td><img src="/home/ccf/Documents/Thrissur2.jpg"></td>
</th>
</tr>
<tr>
<th>Reference</th>
<td><a href="https://stthomas.ac.in/principals-desk/">Principal, St Thomas College</a></td>
</tr>
</body>
</html>
```

OUTPUT



BIO DATA

Name	Emmanuel Jose
Address	Anugraha (H), Nellankara,Thrissur
Mobile	+91 9061524624
Email-id	myself.emmanuel.jose@gmail.com
Gender	Male
Father's Name	Jose Arakkal
Date of Birth	06-02-2000
Education	12th, BCA
Languages Known	English, Hindi, Malayalam
Blood Group	B+ve
Image of Thrissur	
Reference	Principal, St Thomas College

Experiment No: 3

Aim: Create an application form for MCA course in FISAT.

Source code

```
<html>
<head>
<title>
Form Creation</title>
<body font="Times new roman" color="black" bgcolor="white">
<h1 align="center">MCA APPLICATION FORM</h1>
<hr align="center" width="50%"></br></br></br></br>
<form>
<center>
<table border="1">
<tr>
<th colspan="2">
<b>Basic Details</b>
</th>
</tr>
<tr>
<td>Name</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<td>Address</td>
<td><textarea size=80 rows="5" cols="29"></textarea></td>
</tr>
<tr>
<td>Contact Number</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
```

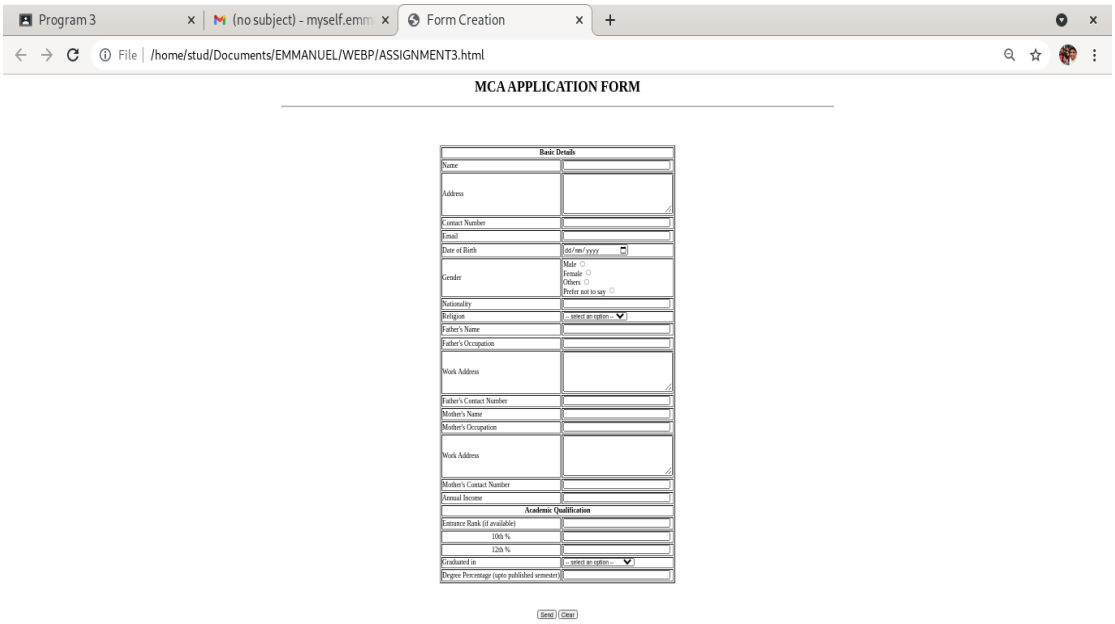
```
<td>Email</td>
<td><input type="email" maxlength="100" size="30" required>
</tr>
<tr>
<td>Date of Birth</td>
<td><input type="date"></td>
</tr>
<tr>
<td>Gender</td>
<td>
Male
<input type="radio"><br>
Female
<input type="radio"><br>
Others
<input type="radio"><br>
Prefer not to say
<input type="radio"><br>
</td>
<tr>
<td>Nationality</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<td>Religion</td>
<td><select name="religion" size="1" required>
        <option disabled selected value> -- select an option -- </option>
                        <option value="Hindu">Hindu</option>
                        <option value="Christian">Christian</option>
                        <option value="Muslim">Muslim</option>
                        <option value="Others">Others</option>
                </select>
```

```
</tr>
<tr>
<td>Father's Name</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<tr>
<td>Father's Occupation</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<td>Work Address</td>
<td><textarea size=80 rows="5" cols="29"></textarea></td>
</tr>
<td>Father's Contact Number</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<td>Mother's Name</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<td>Mother's Occupation</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<td>Work Address</td>
<td><textarea size=80 rows="5" cols="29"></textarea></td>
</tr>
<td>Mother's Contact Number</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<td>Annual Income</td>
```

```
<td><input type="text" maxlength="100" size="30" required>
</tr>
<th colspan="2">
<b>Academic Qualification</b>
</th>
<tr>
<td>Entrance Rank (if available)</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<td align="center">10th %</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<td align="center">12th %</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
<tr>
<td>Graduated in</td>
<td><select name="religion" size="1" required>
        <option disabled selected value> -- select an option -- </option>
                        <option value="BCA">BCA</option>
                        <option value="BTech">BTech</option>
                        <option value="BSc Computer Science">BSc Computer
Science</option>
                        <option value="Others">Others</option>
                </select>
</tr>
<tr>
<td>Degree Percentage (upto published semester)</td>
<td><input type="text" maxlength="100" size="30" required>
</tr>
</table></br></br></br>
```

```
<table>
<tr>
<td align="center">
<input type="submit" name="send" value="Send">
</td>
<td align="center">
<input type="reset" name="clear" value="Clear">
</td>
</tr>
</table>
</body>
</html>
```

Output



Experiment No: 4

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

Source code

Main.html

```
<html>
<head>
<title>Frames</title>
</head>
<frameset rows="150,*">
        <frame name="topF" src="top.html">
<frameset cols="300,*">
<frame name="navF" src="navigation.html">
<frame name="mainF" src="intro.html">
        <frameset rows="75,*">
        <frame src="top.html">
        </frameset>
</frameset>
</html>
```

Navigation.html

```
<html>
<head>
<title>Navigation Bar</title>
</head>
<body align=justify>
<a href="intro.html" target="mainF">Home</a><br><br>
<a href="Course.html" target="mainF">Course</a><br><br>
<a href="about.html" target="mainF">About</a><br><br>
</center>
</body>
</html>
```

Intro.html

```
<html>
<head><title>FISAT</title></head>
<body align="center">
<img src="download.png" width="700px" height="500px">
</body>
</html>
```

Course.html

```
<html>
<head>
<title>Courses</title>
</head>
<body>
<h3>Courses Available in FISAT...</h3><br><br>
<table border=2 width=1000 height=400>
<tr><th>Course</th>
<th>Duration</th>
<th>Intake</th>
</tr>
<tr>
<td>B.Tech in Computer Science & Engineering (CSE)</td>
<td>4 Years</td>
<td>120</td>
</tr>
<tr>
<td>B.Tech in Electronics & Communication Engineering (ECE)</td>
<td>4 Years</td>
<td>120</td>
</tr>
<tr>
<td>B.Tech in Civil Engineering (CE)</td>
```

```
<td>4 Years</td>
<td>120</td>
</tr>
<tr>
<td>B.Tech in Mechanical Engineering (ME)</td>
<td>4 Years</td>
<td>120</td>
</tr>
<tr>
<td>Master of Computer Applications (MCA)</td>
<td>2 Years</td>
<td>120</td>
</tr>
<tr>
<td>Master of Business Administrations (MBA)</td>
<td>2 Years</td>
<td>120</td>
</tr>
</table>
<br><br>
<iframe src="https://fisat.ac.in/pages/profile" width=900 height=300>
</iframe>
</body>
</html>
```

About.html

```
<html>
<head>
<title>Courses</title>
</head>
<body width=500 align=center>
<p align=justify><b><i>Federal Institute of Science And Technology (FISAT)®
```

</i>is a private self financing Engineering College, established and run 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 the entire officers of the Federal Bank.

Federal Institute of Science And Technology (FISAT) has a unique position in the Professional Education Sector in South India. With the motto "Focus on Excellence", FISAT has been designed and developed to become a `Centre of Excellence` in professional education. Established in the year 2002, the college has carved a niche for itself in education world, eloquently demonstrated by the flying colors attained by its students in academics, placements as well as extra curricular and co curricular activities. FISAT has embarked on an ambitious plan to enhance the quality and value of education and develop high quality individuals. The institution is accredited by NAAC with 'A' Grade. Five B.Tech branches are accredited by NBA. The institution also received the coveted ISO 9001:2015 certification.

FISAT is set up at Mookannoor, near Angamaly in Ernakulam District, Kerala, the birth place of the founder of The Federal Bank Ltd, Late K P Hormis. To honour the revered memory of the great visionary, the campus of FISAT is christened 'Hormis Nagar'.

FISAT is affiliated to Kerala Technological University (KTU), Mahatma Gandhi University, Kottayam, Kerala and approved by All India Council for Technical Education (AICTE), New Delhi.

FISAT conducts six B.Tech courses in Engineering, MBA programme (with specialization in Finance, Marketing, Human Resource Management, Information System, Production & Operations Management and International Business), MCA programme and six M.Tech courses.

</body>

</html>

Why_fisat.html

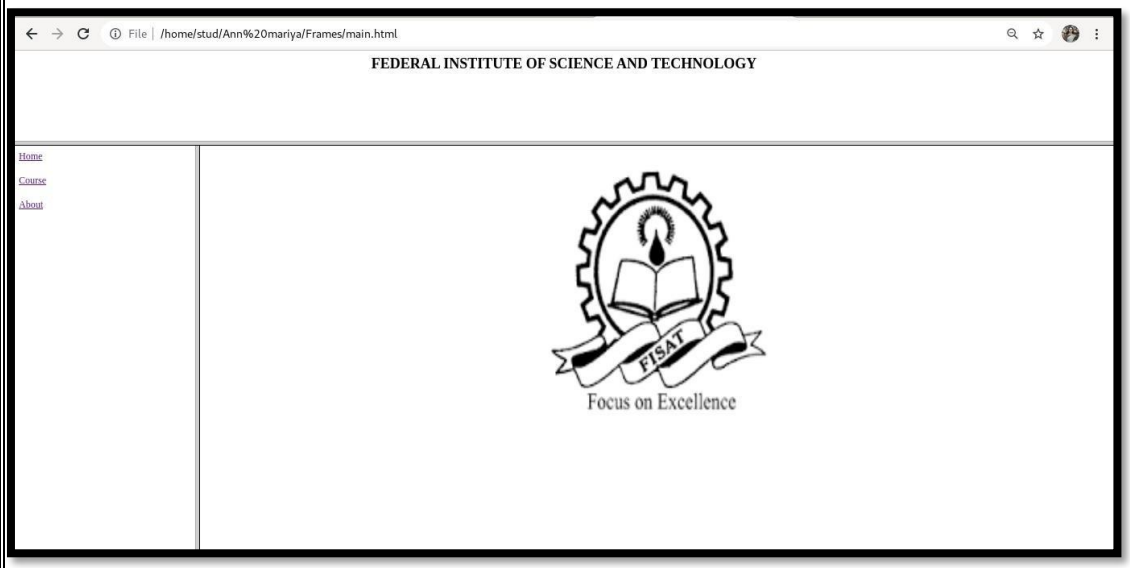
<html>

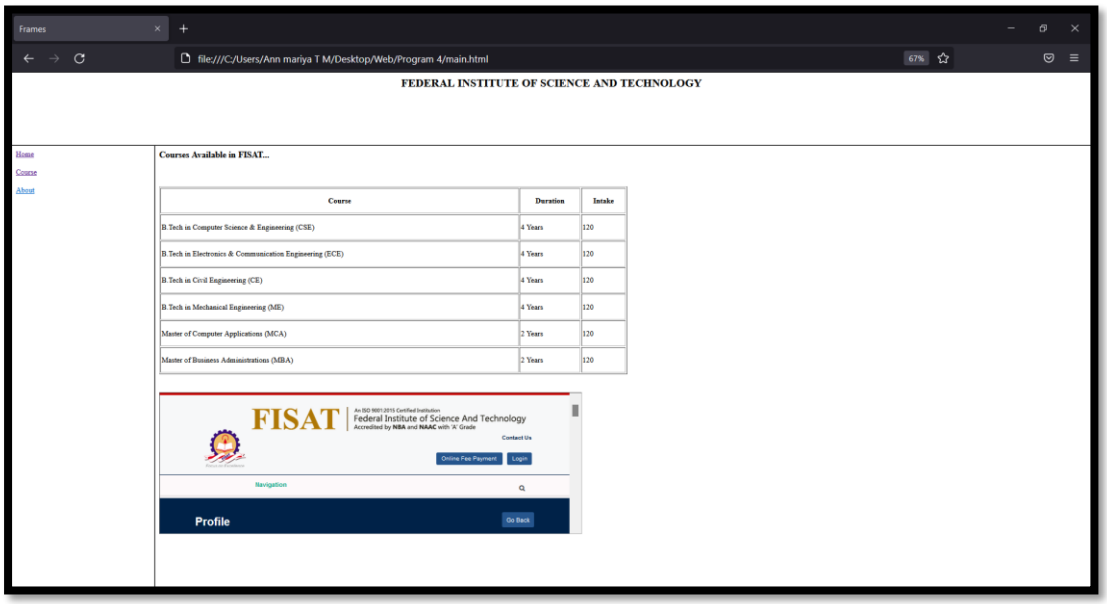
```
<head>
<title></title>
</head>
<body>
<h2 align=center>Why FISAT???</h2>
<iframe src="https://fisat.ac.in/pages/profile" width=900 height=300>
</iframe>
</body>
</html>
```

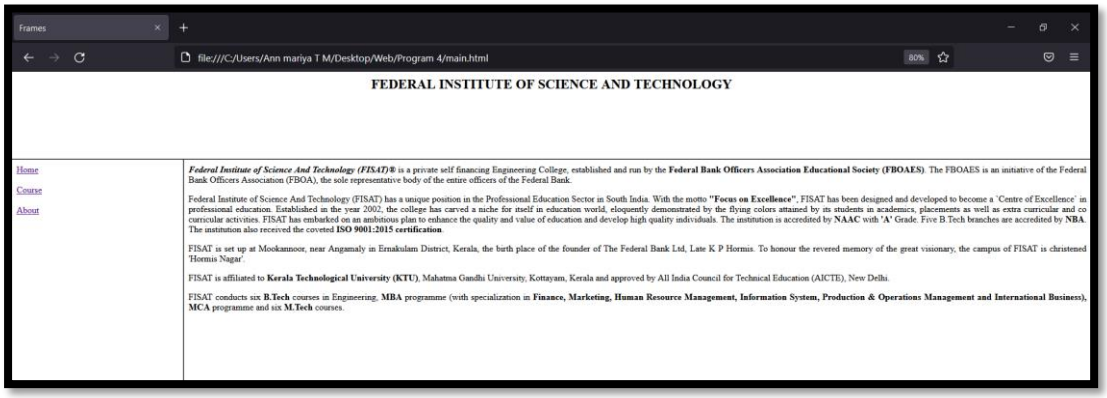
Top.html

```
<html>
<head>
<title></title>
</head>
<body>
<h2><center>FEDERAL INSTITUTE OF SCIENCE AND
TECHNOLOGY</center></h2>
</body>
</html>
```

Output


File | /home/stud/Ann%20mariya/Frames/main.html
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY
Home
Course
About
FISAT
Focus on Excellence


Frames
file:///C:/Users/Ann mariya T M/Desktop/Web/Program 4/main.html
67%
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY
Home
Course
About
Courses Available in FISAT...
Course
Duration
Intake
B.Tech in Computer Science & Engineering (CSE)
4 Years
120
B.Tech in Electronics & Communication Engineering (ECE)
4 Years
120
B.Tech in Civil Engineering (CE)
4 Years
120
B.Tech in Mechanical Engineering (ME)
4 Years
120
Master of Computer Applications (MCA)
2 Years
120
Master of Business Administrations (MBA)
2 Years
120
FISAT
Federal Institute of Science And Technology
Online Fee Payment
Login
Navigation
Profile
Go Back


Frames
file:///C:/Users/Ann mariya T M/Desktop/Web/Program 4/main.html
80%
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY
Home
Course
About
Federal Institute of Science And Technology (FISAT)® is a private self financing Engineering College, established and run 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 the entire officers of the Federal Bank.
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FISAT conducts six B.Tech courses in Engineering, MBA programme (with specialization in Finance, Marketing, Human Resource Management, Information System, Production & Operations Management and International Business), MCA programme and six M.Tech courses.

Experiment No: 5

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

Source code

CSS.html

```
<html>
<head>
<title>CSS TEST</title>
<style>
h4
{
color:grey;
font-family:arial;
}
</style>
<link rel="stylesheet" type="text/css"
href="/home/stud/Documents/EMMANUEL/WEBP/ext.css">
</head>
<body>
<h1>1.In-Line</h1>
<p style="color:white">Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.</p>

<h1>2.Internal</h1>

<h4>Lorem ipsum Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Condimentum lacinia quis vel eros donec ac odio tempor orci. Condimentum lacinia quis vel eros donec ac. Nibh venenatis cras sed felis eget. Facilisi morbi tempus iaculis urna id. Mi tempus imperdiet nulla malesuada. Arcu
```

odio ut sem nulla pharetra diam. Nisl nunc mi ipsum faucibus vitae. Ultricies tristique nulla aliquet enim tortor. Nunc mi ipsum faucibus vitae aliquet. Morbi quis commodo odio aenean sed adipiscing diam donec adipiscing. Ut morbi tincidunt augue interdum velit.</h4>

<h1>3.External</h1>

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

</body>

</html>

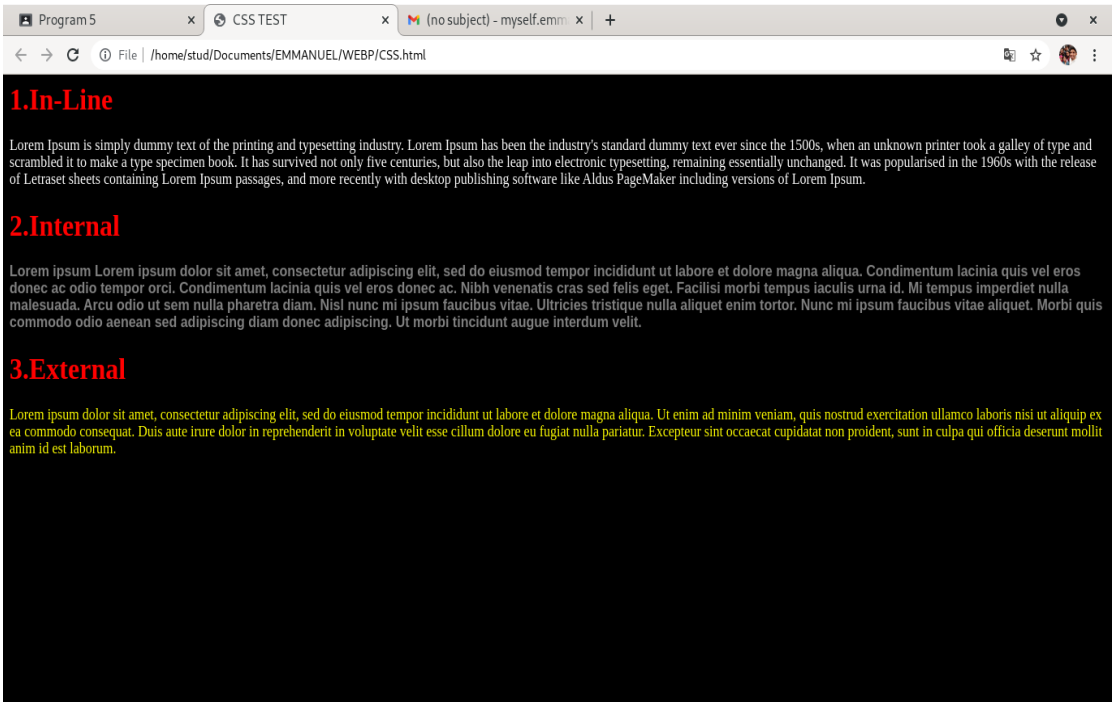
ext.css

```
body
{
background-color:black;
}

h1
{
color:red;
}
p
{
```

color:yellow

}

Output



Experiment No:6

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

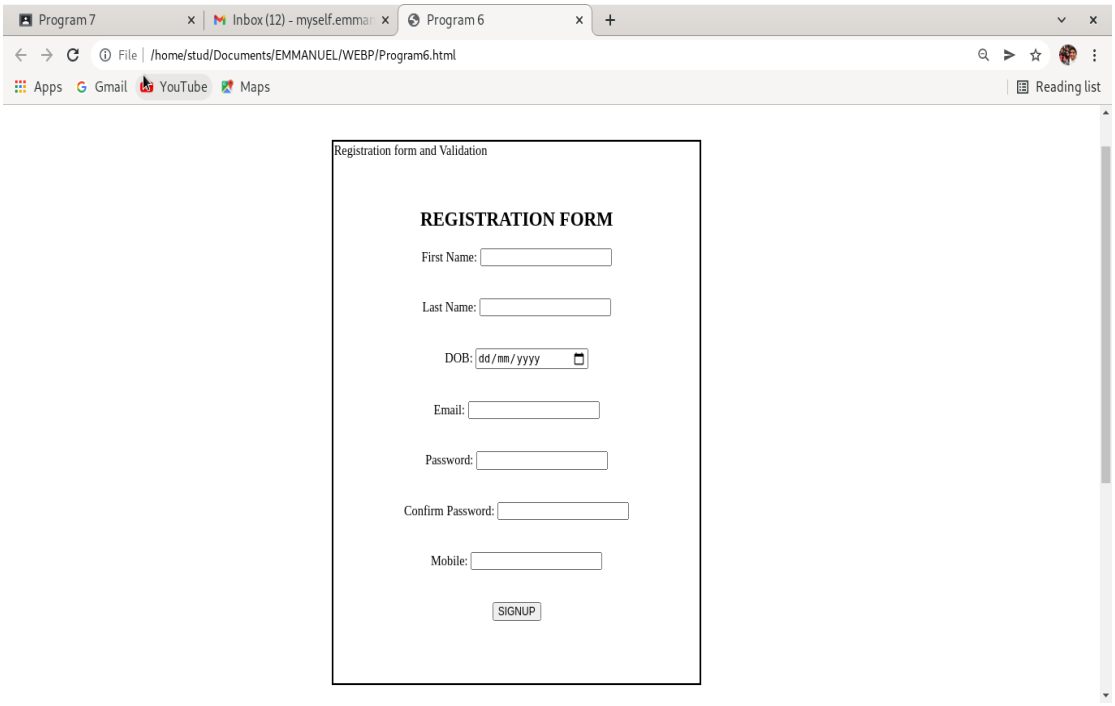
Source code

```
<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>
<title>Program 6</title>
</head>
<body>

Registration form and Validation

<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



Experiment No: 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 arrayindexof, search,includes). (Math Functions- round, ceil, floor, trunc, sign, pow, sqrt, abs, sin, cos, min, max, random, log)

Source code

```
<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 = "EMMANUEL";
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">EMMANUEL</p>
<script>
function myfun1()
{
var str = "EMMANUEL";
document.getElementById("pgm5").innerHTML = str.toUpperCase();
}
</script>
<button onclick="myfun1()">click here</button>


<h3><u>ToLowercase</u></h3>
<p id="pgm6">EMMANUEL</p>
<script>
function myfun2()
{
```

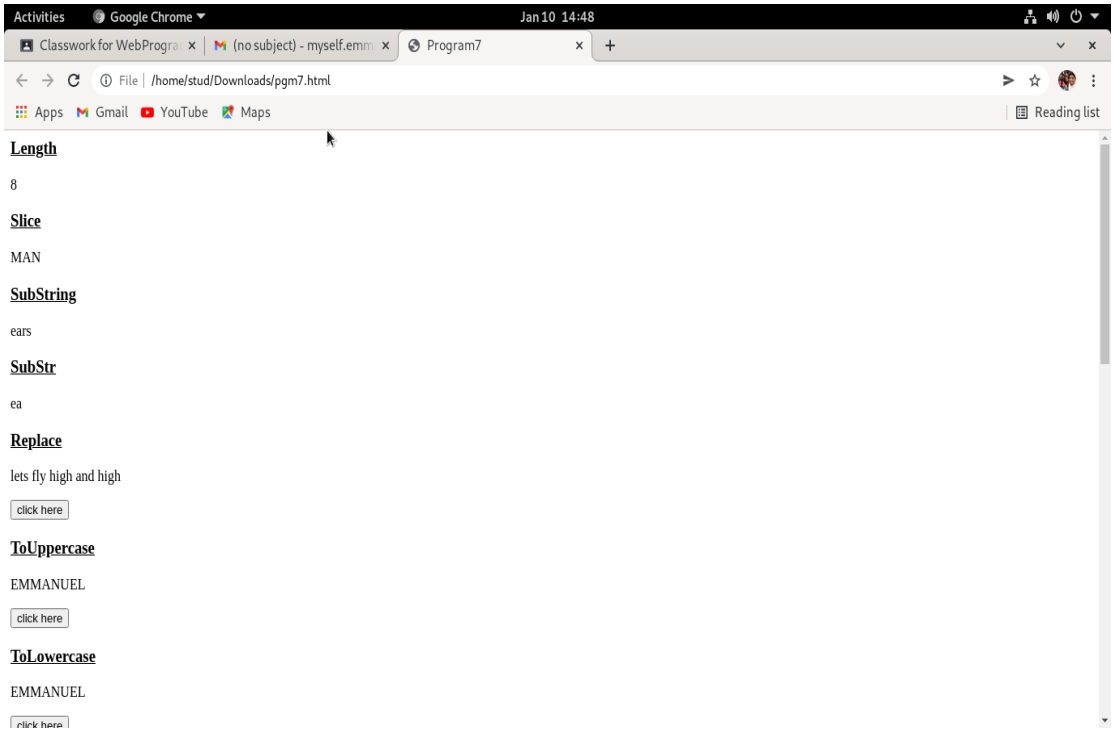
```
var str1 = "EMMANUEL";
document.getElementById("pgm6").innerHTML = str1.toLowerCase();
}
</script>
<button onclick="myfun2()">click here</button>

<h3><u>Concat</u></h3>
<script>
var txt1 = "EMMANUEL";
var txt2 = "JOSE";
var txt3 = txt1.concat(" ",txt2);
document.write(txt3);
</script>


<h3><u>Trim</u></h3>
<script>
var txt1 = "      aLpha xeus      ";
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";
```

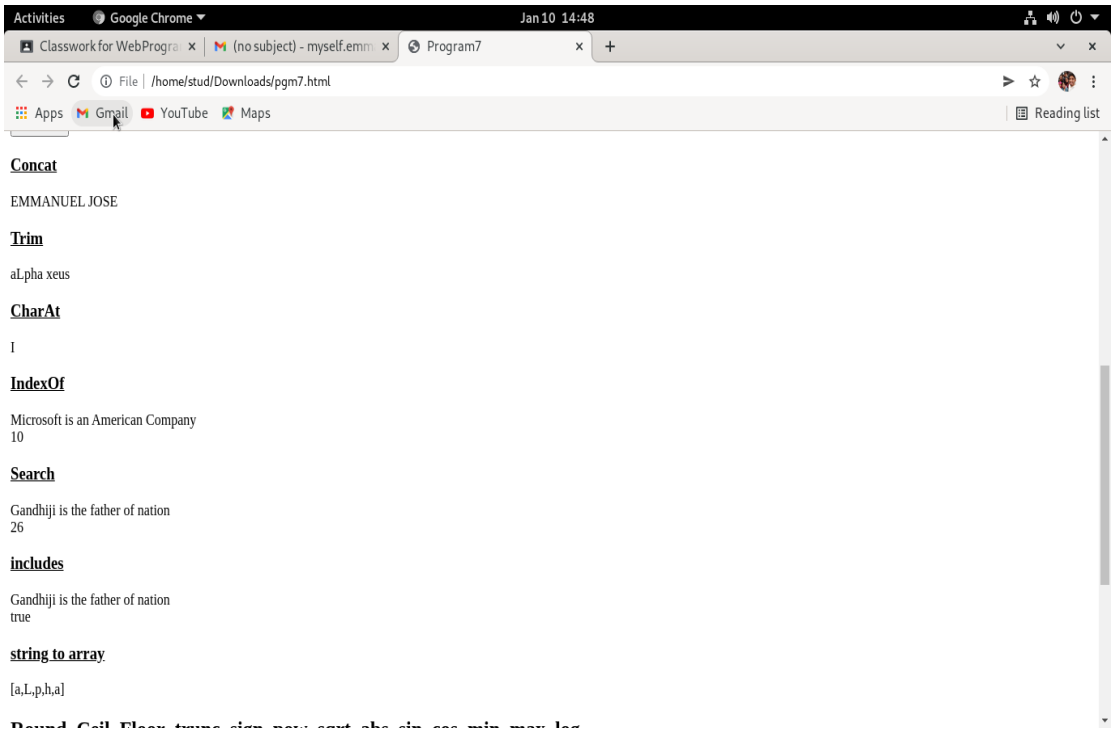
```
document.write(wrd, "<br>");
let res = wrd.indexOf("is");
document.write(res);
</script>



<h3><u>Search</u></h3>
<script>
var wrd1 = "Gandhiji is the father of nation";
document.write(wrd1, "<br>");
let pos = wrd1.search("nation");
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="aLpha";
list=Array.from(name);
document.write("[",list,"]");
</script>

<h2>Round_Ceil_Floor_trunc_sign_pow_sqrt_abs_sin_cos_min_max_log</h2>
```

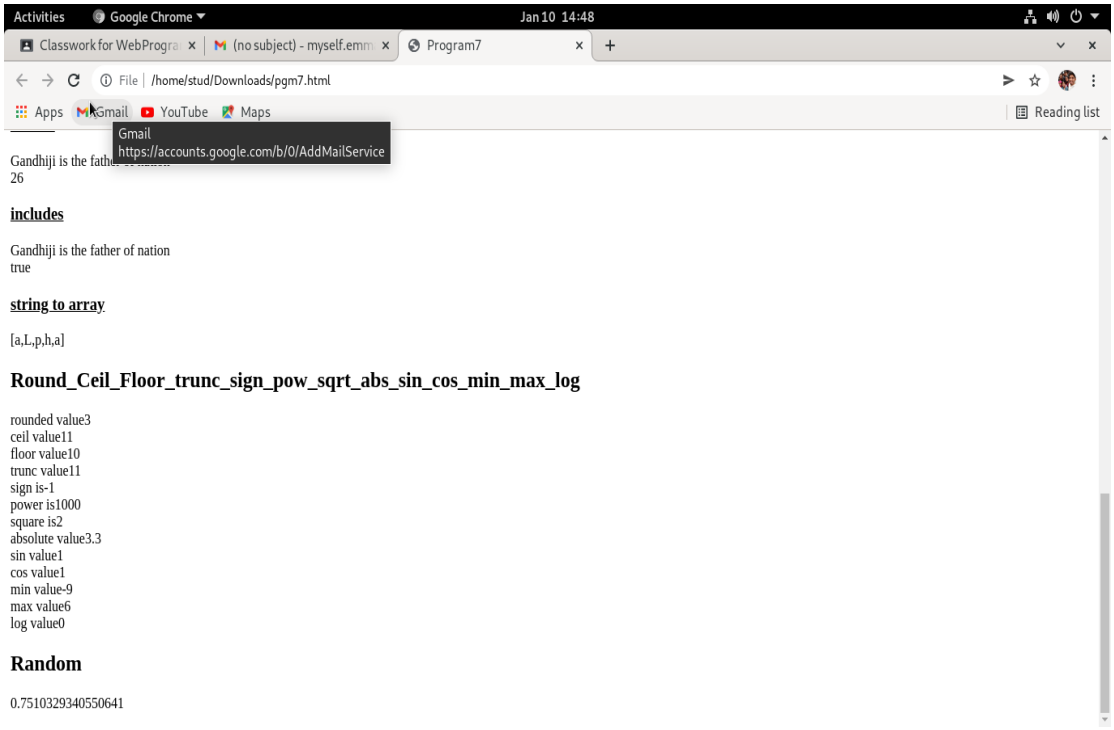
```
<script>
let x= Math.round(3.1);
document.write("rounded value",x);
let y= Math.ceil(10.5);
document.write("<br> ceil value",y);
let z= Math.floor(10.5);
document.write("<br> floor value",z);
let a= Math.trunc(11.5);
document.write("<br> trunc value",a);
let b= Math.sign(-90);
document.write("<br> 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




Activities
Google Chrome
Jan 10 14:48
Classwork for WebProgra
(no subject) - myself.emm
Program7
File | /home/stud/Downloads/pgm7.html
Apps
Gmail
YouTube
Maps
Reading list
Concat
EMMANUEL JOSE
Trim
aLpha xeus
CharAt
I
IndexOf
Microsoft is an American Company
10
Search
Gandhiji is the father of nation
26
includes
Gandhiji is the father of nation
true
string to array
[a,L,p,h,a]


Activities
Google Chrome
Jan 10 14:48
Classwork for WebProgra
(no subject) - myself.emm
Program7
File | /home/stud/Downloads/pgm7.html
Apps
Gmail
YouTube
Maps
Reading list
Gmail
https://accounts.google.com/b/0/AddMailService
26
includes
Gandhiji is the father of nation
true
string to array
[a,L,p,h,a]
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
0.7510329340550641

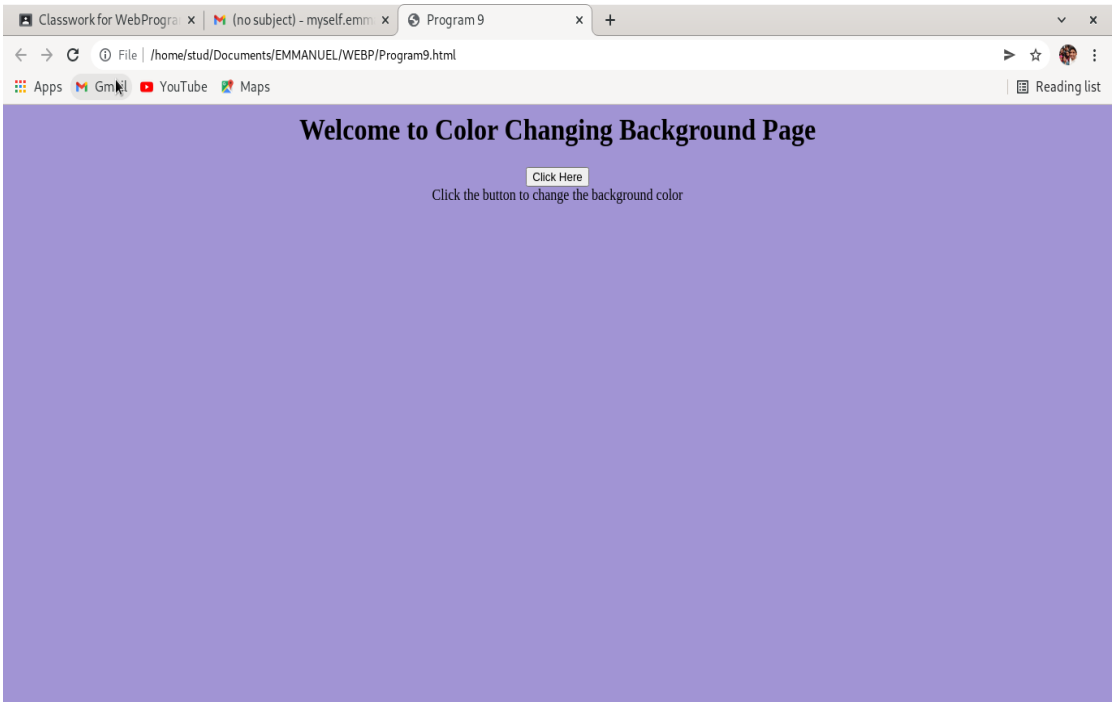
Experiment No:8

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

Source code

```
<html>
 <head>
 <title>
Program 8
 </title>
 </head>

 <body style = "text-align:center;">
 <h1 style = "color:black;" >
 Welcome to Color Changing Background Page
 </h1>
 <button type="button" id="color-button" onclick="changeBg()">Click Here </button>
 <br>

 <script>
 document.writeln( "Click the 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


Classwork for WebProgra
(no subject) - myself.emm
Program 9
File | /home/stud/Documents/EMMANUEL/WEBP/Program9.html
Apps
Gmail
YouTube
Maps
Reading list
Welcome to Color Changing Background Page
Click Here
Click the button to change the background color

Experiment No:9

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

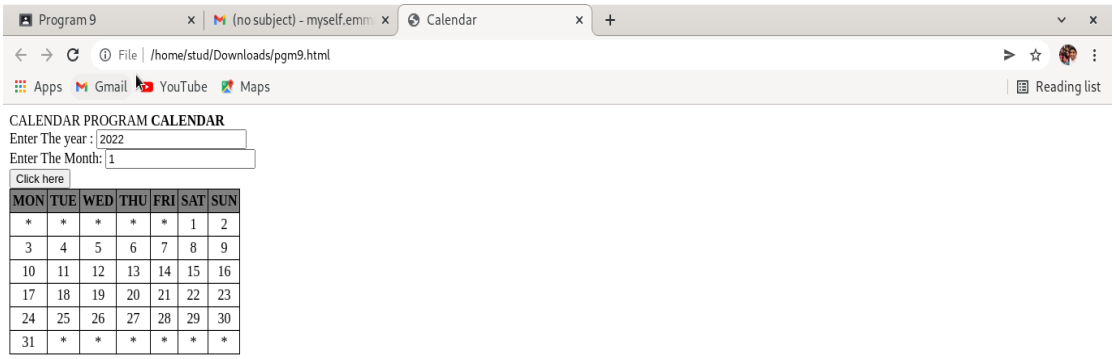
Source code

```
<!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: #5ddedc;
}
</style></head>
<body>
<b>CALENDAR</b><br><br>
Enter The year : <input type="number" name="cal" id="cal" /><br><br>
Enter The Month: <input type="number" name="month" id="month" /><br><br>
```

```
<div id="calendar"></div>

<script>

var year = document.getElementById("cal").value;

var month = document.getElementById("month").value;

function getDay(date) {

let day = date.getDay();

if (day == 0) day = 7;

return day - 1;

}

function createCalendar(elem, year, month) {

let mon = month - 1;

let d = new Date(year, mon);

let table =

'<table><tr><th>MON</th><th>TUE</th><th>WED</th><th>THU</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>';

elem.innerHTML = table;

}

createCalendar(calendar, year, month);

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

Output



Experiment No:10

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

Source code

Electricity.html

```
<html>
 <head><title>Electricity bill</title></head>
 <body>
 <form name="bill" action="bill.php" method="post">
 <h1>ELECTRICITY BILL<hr></h1>
 Consumer Number: <input type="number" name="cno"><br><br>
 Customer name: <input type="text" name="uname"><br><br>
 Unit: <input type="number" name="unit"><br><br>
 <input type="submit" value="Submit">
 </form>
 </body>
 </html>
```

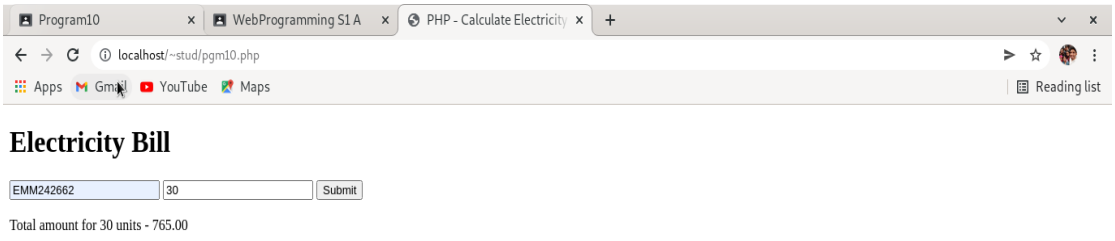
Bill.php

```
<html>
 <head><title>Bill</title></head>
 <body>
  <h1>Electricity Bill</h1><br>
  <table border="1">
  <tr>
```

```
<td>
<h3>Name :<?php echo $_POST["uname"];?></h3><br>
</td>
</tr>
<tr>
<td>
<h3>Consumer number :<?php echo $_POST["cno"];?></h3><br>
</td>
</tr>
<tr>
<td>
<h3>Price/Unit :<?php $p=4; echo $p;?></h3><br>
</td>
</tr>
<tr>
<td>
<h3>Unit :<?php echo $_POST["unit"];?></h3><br>
</td>
</tr>
<tr>
<td>
<h3>Amount :<?php echo $_POST["unit"]*4;?></h3><br>
</td>
</tr>
```

```
 </table>

 </body>

</html>
```

Output



Experiment No:11

Aim: Build a PHP code to store name of students in an array and display it using print_r sfunction. Sort and Display the same using asort & arsort functions.

Source code

```
<?php

$stud=array("Amal","Arjun","Dhanik","Emelsha","Aleesha","Athira","Deepa","
Akshay","Bivina"); echo "List of Students"; print_r($stud); echo "<br>"; echo "Reversed
List:"; echo "<br>"; arsort($stud); print_r($stud); echo "<br>"; echo "Sorted List:"; echo
"<br>"; asort($stud); print_r($stud);

?>
```

Output

Experiment No:12

Aim: Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.

Source code

```
<!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 and Rohit Sharma.

INDIAN CRICKETERS

NO	NAMES
1	Virat Kohli
2	M S Dhoni
3	Rohit Sharma

Experiment No: 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

Source code

Book_info.html

```
<html>

<head>

<title>BOOK INFORMATION</title>

</head>
<center>
<body align="center"><font size="20"><b><u>BOOK INFORMATION
SYSTEM</u></b><br><br><br>
<table border="2" cellpadding="10" cellspacing="10">
<th>
<a href="add.html">Add Book</a><br>
</th>
<th>
<a href="search.html">Search Book</a><br>
</th>
</body>
</html>
```

Addl.php

```
<?php

$num=$_POST['num'];

$title=$_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,'$title','$author','$edi','$pub')";
if($con->query($sql))

{

echo "<BR>";

echo 'New row added';

}

else

{

echo "ERROR:could not execute query";

}

$con->close();

?>
```

Search.html

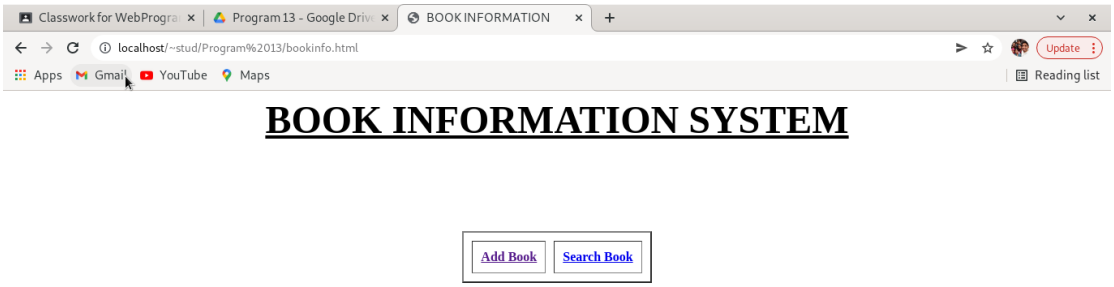
```
<html>

<head>

<title>SEARCH</title>

</head>

<body>

<form name="frm2" action="searchl.php"
method="POST">

<center>

<b><u>SEARCH A BOOK</u></b><br><br>

Enter book title:<input type="text" name="txt"><br>

<input type="submit" name="Submit">

</center>

</form>

</body>

</html>
```

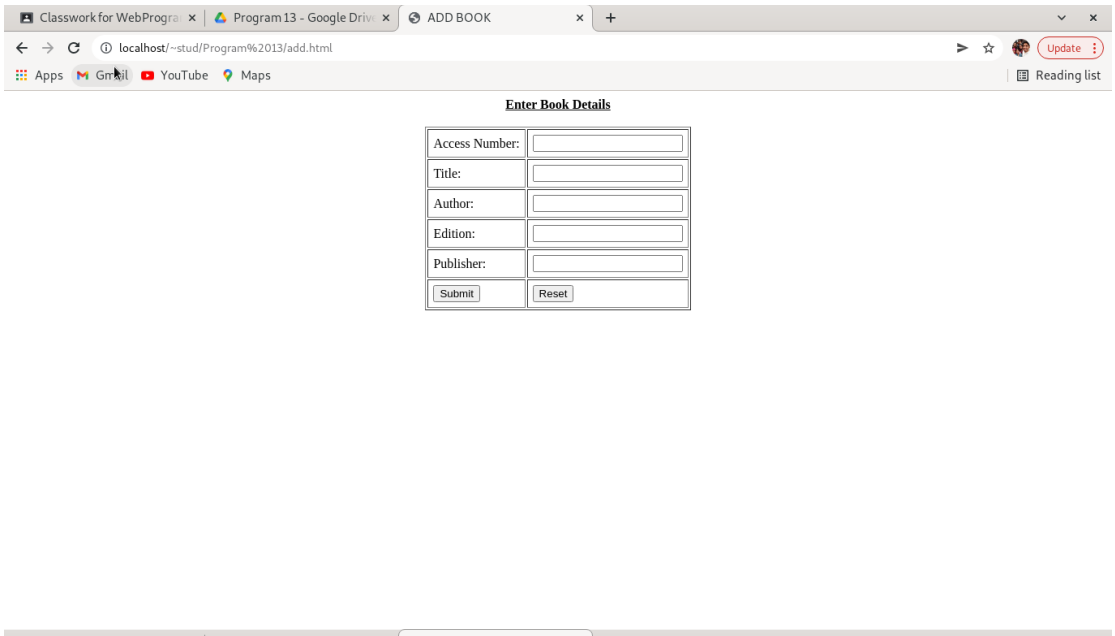
Searchl.php

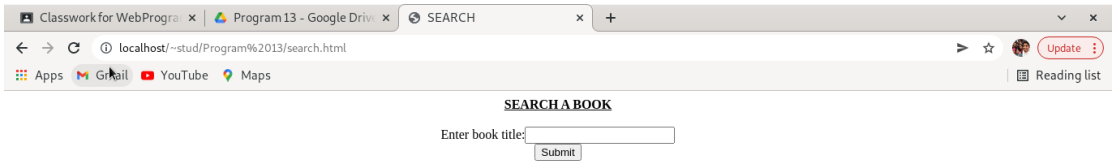
```
<?php

$title=$_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

```
MariaDB [fisatdb]> desc flightsystem;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| fnumber     | int(20)     | NO   | PRI | NULL    |       |
| name        | varchar(25) | NO   |     | NULL    |       |
| source      | varchar(25) | NO   |     | NULL    |       |
| destination | varchar(25) | NO   |     | NULL    |       |
| date        | datetime    | NO   |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
5 rows in set (0.001 sec)

MariaDB [fisatdb]> select * from flightsystem;
+---------+------+--------+-------------+---------------------+
| fnumber | name | source | destination | date                |
+---------+------+--------+-------------+---------------------+
|    1024 | Java | Vegas  | California  | 2022-01-12 16:12:00 |
+---------+------+--------+-------------+---------------------+
1 row in set (0.000 sec)

MariaDB [fisatdb]>
```




Classwork for WebProgra
Program 13 - Google Drive
ADD BOOK
localhost/~stud/Program%2013/add.html
Update
Apps
Gmail
YouTube
Maps
Reading list
Enter Book Details
Access Number:
Title:
Author:
Edition:
Publisher:
Submit
Reset


Classwork for WebProgra
Program 13 - Google Drive
SEARCH
localhost/~stud/Program%2013/search.html
Update
Apps
Gmail
YouTube
Maps
Reading list
SEARCH A BOOK
Enter book title:
Submit

Experiment No: 14

Aim: Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.

Source code

Airline.html

```
<html>

<head>

<title>FLIGHT INFORMATION</title>

</head>
<center>
<body align="center"><font size="20"><b><u>FLIGHT INFORMATION
SYSTEM</u></b><br><br><br>
<table border="2" cellpadding="10" cellspacing="10">
<th>
<a href="add.html">Add Flight Details</a><br>
</th>
<th>
<a href="search.html">Search Flights</a><br>
</th>
</body>

</html>
```

Add.html

```
<html><head>

<title>ADD FLIGHT DEIAILS</title></head>

<body>

<form name="frm1" action="addl.php" method="POST">

<center><b><u>Enter Flight Details</u></b><br><br>

<table border="1" cellpadding="6" cellspacing="2" align="center">
<tr>
<td>
Flight Number:</td><td><input type="text" name="num">
</td></tr><tr><td>
Flight Name:</td><td><input type="text" name="tit">
</td></tr><tr><td>
Source:</td><td><input type="text" name="author">
</td></tr><tr><td>
```

```
Destination:</td><td><input type="text" name="edi">
</td></tr><tr><td>
Date and Time of Depatrure:</td><td><input type="datetime-local" name="pub">
</td></tr><tr><td>
<input type="submit" name="Submit">
</td><td>
<input type="reset" name="‘Reset">
</td>
</form>

</body>

</html>
```

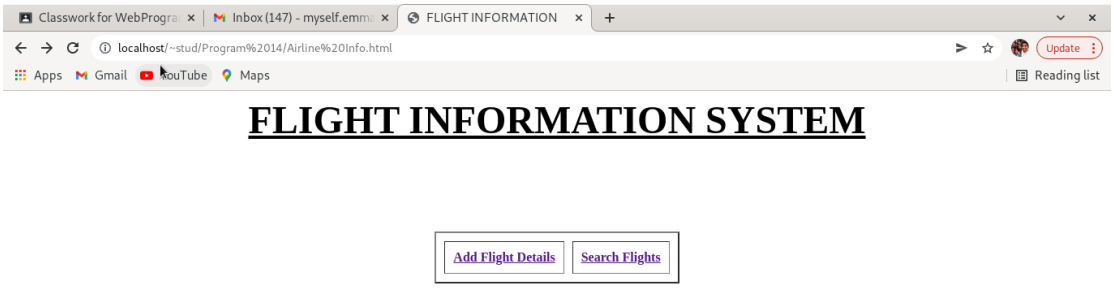
Addl.php

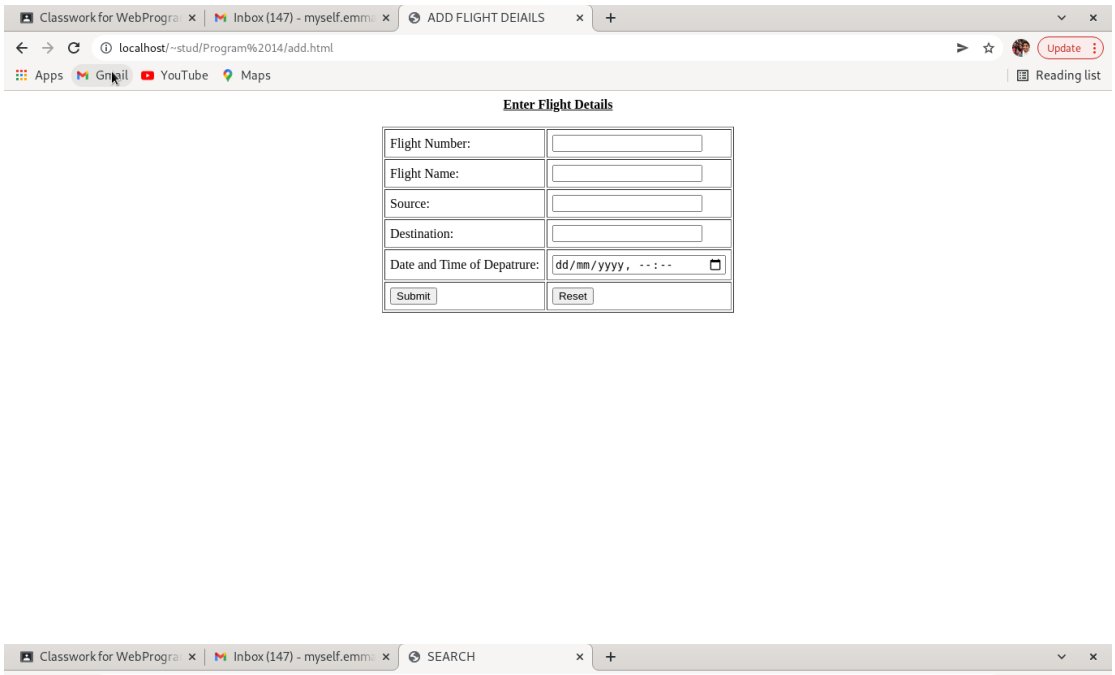
```
<?php

$num=$_POST['num'];

$title=$_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"; }

$sql="INSERT INTO flightsystem VALUES($num,'$title','$author','$edi','$pub')";
if($con->query($sql))

{

echo "<BR>";

echo 'New row added';

}

else

{

echo "ERROR:could not execute query";
```

```
}

$con->close();

?>
```

Output

```
MariaDB [fisatdb]> desc flightsystem;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| fnumber     | int(20)     | NO   | PRI | NULL    |       |
| name        | varchar(25) | NO   |     | NULL    |       |
| source      | varchar(25) | NO   |     | NULL    |       |
| destination | varchar(25) | NO   |     | NULL    |       |
| date        | datetime    | NO   |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
5 rows in set (0.001 sec)

MariaDB [fisatdb]> select * from flightsystem;
+---------+------+--------+-------------+---------------------+
| fnumber | name | source | destination | date                |
+---------+------+--------+-------------+---------------------+
|    1024 | Java | Vegas  | California  | 2022-01-12 16:12:00 |
+---------+------+--------+-------------+---------------------+
1 row in set (0.000 sec)
```

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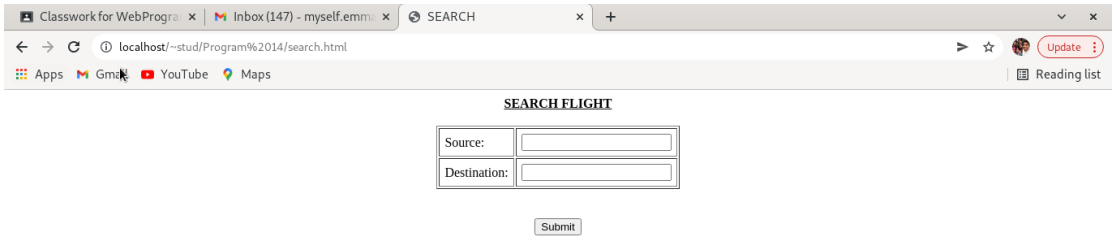
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