AIM

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

PROGRAM CODE

```
<html>
<head>
<title>myhometown</title>
</head>
<body>
<h1 align="center"><b><u>MY HOMETOWN</u></b></h1>
<font color="blue">
<h2><i><u>NORTH PARAVUR</u></i></h2>
</font>
<img src="paravur.jpeg"></img>
<p>My hometown is <b>North Paravur</b>.Formerly known as <strong><i>Paravur</i> or <i>parur</i></strong>, is a municipality in <i>Ernakulam</i> district in the Indian state of Kerala.<br>It is a northern suburb of the city of Kochi and is situated around 20 km from the city centre. It is also the first place in India to use electronic <br>voting machine during the by-elections in 1982.Paravur was once famous in the district for its traditional industries like coir, handlooms and <br>agriculture. Now it is changing to a major residential suburb of Cochin where people looking jobs in city. The Eloor-Edayar industrial belt is <br>in Paravur Taluk.</p>
<p>Paravur is located at 10.14° N 76.7° . It has an average elevation of 10 metres (32 feet). The town is situated at north end of Ernakulam district<br> and bordering with Thrissur district. The towns in Thrissur district like Kodungallore, Mala, Chalakudy and the towns Kalamassery, Aluva,<br> Angamaly, Vypin island are located near to this town. The Paravur Taluk lies in the flat delta region of the Periyar river and cut by several canals,<br> which have resulted in the formation of many islands. The Kodungalloor Kayal(backwaters) and Varappuzha Kayal (backwaters) are in this taluk.<br> The town
```

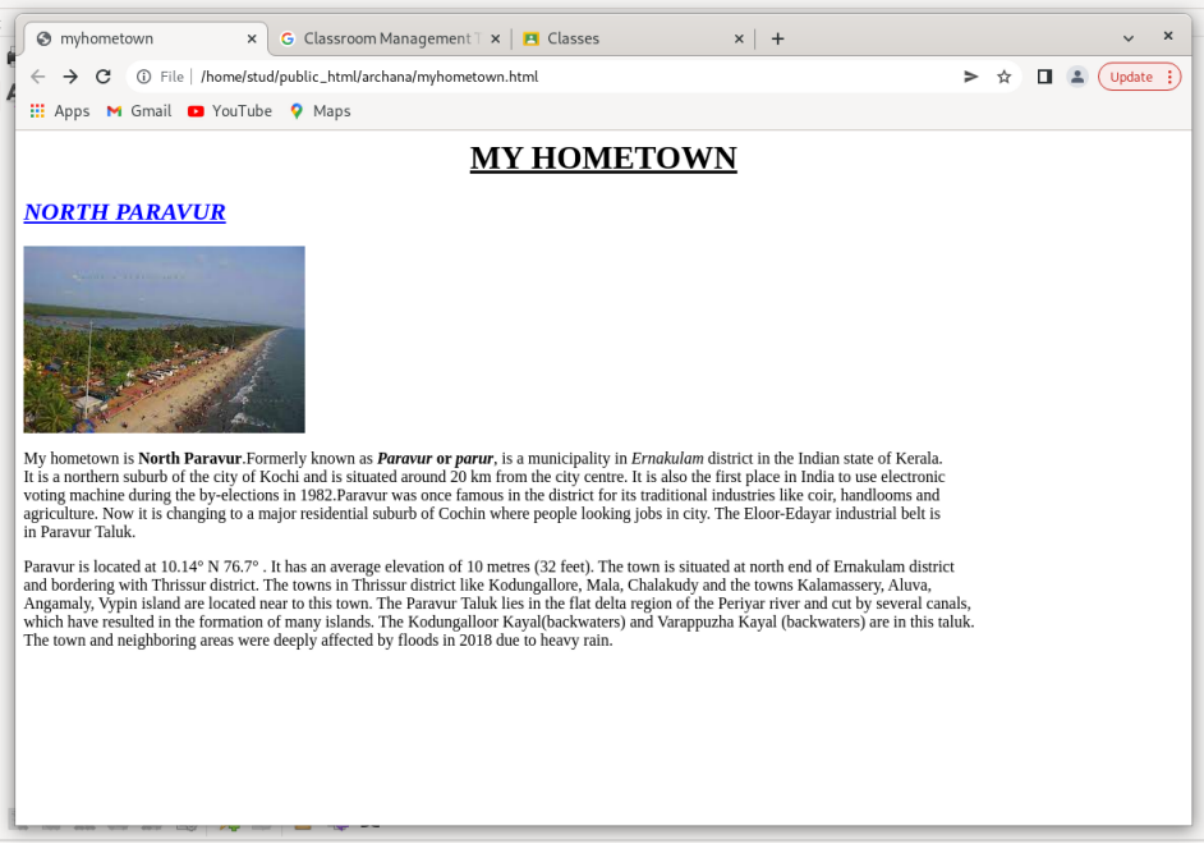
and neighboring areas were deeply affected by floods in 2018 due to heavy rain.

</p>

</body>

</html>

OUTPUT



AIM

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

PROGRAM CODE

biodata.html

```
<html>
<head>
<title>biodata</title>
<body>
<h1><b><u>BIODATA</u></b></h1>
<p> <a href=“personal.html”>link for personal details</a></p>
<p> <a href=“academic.html”>link for academic details</a></p>
</body>
</head>
</html>
```

personal.html

```
<html>
<head>
<title>personal details</title>
</head>
<body>
<h2><b><u>PERSONAL DETAILS</u></b></h2>
<table border ="1" align="right" >
<tr>
<th><img src="bio.html.webp" width="100" height="100"></img></th>
</tr>
</table>
```

```
<p><br></p>
<p>NAME : ARCHANA PRASAD</p>
<p>ADDRESS : MUZHAGANTHARA(H), POOYAPPILLY, N.PARAVUR</p>
<P>NATIONALITY : INDIAN</P>
<P>FATHER&amp;#39;S NAME : PRASAD M R</P>
<P>MOTHER&amp;#39;S NAME : LATHA A R</P>
<p>GENDER : FEMALE</p>
<p>DATE OF BIRTH : 07/07/2002</p>
<P>MARITAL STATAUS : SINGLE</P>
<P>MOBILE NUMBER : 9074130475</P>
<P>EMAIL ID : archanam07prasad@gmail.com</P>
</body>
</html>
```

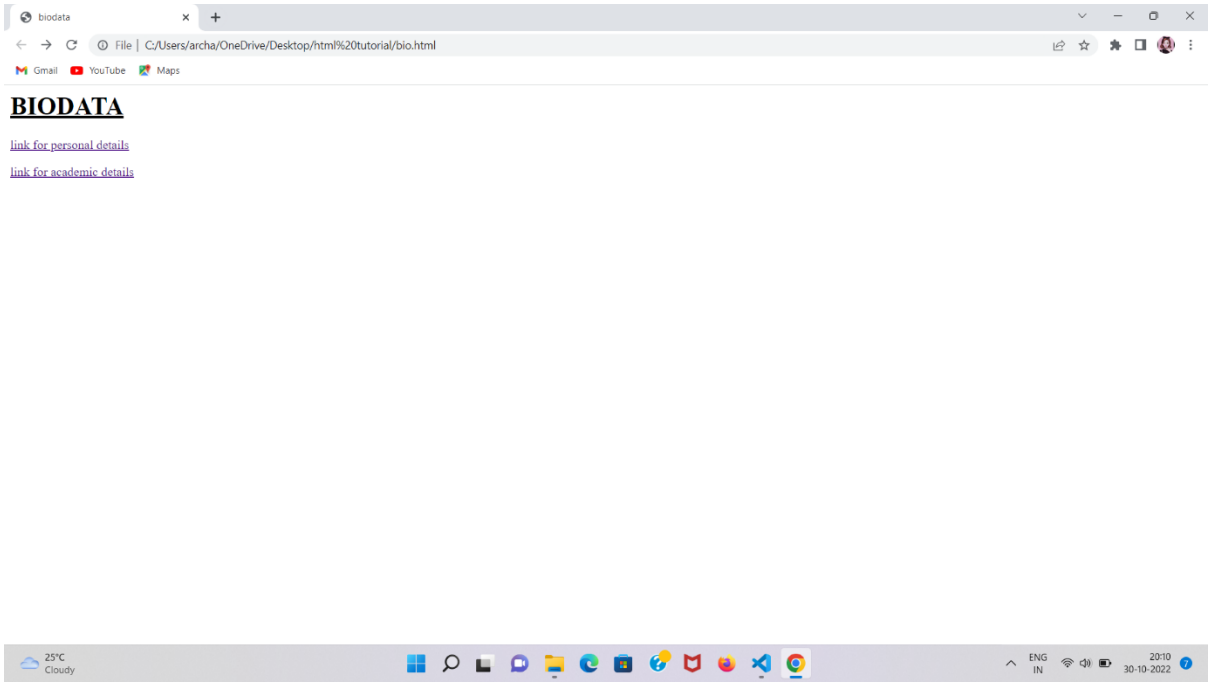
academic.html

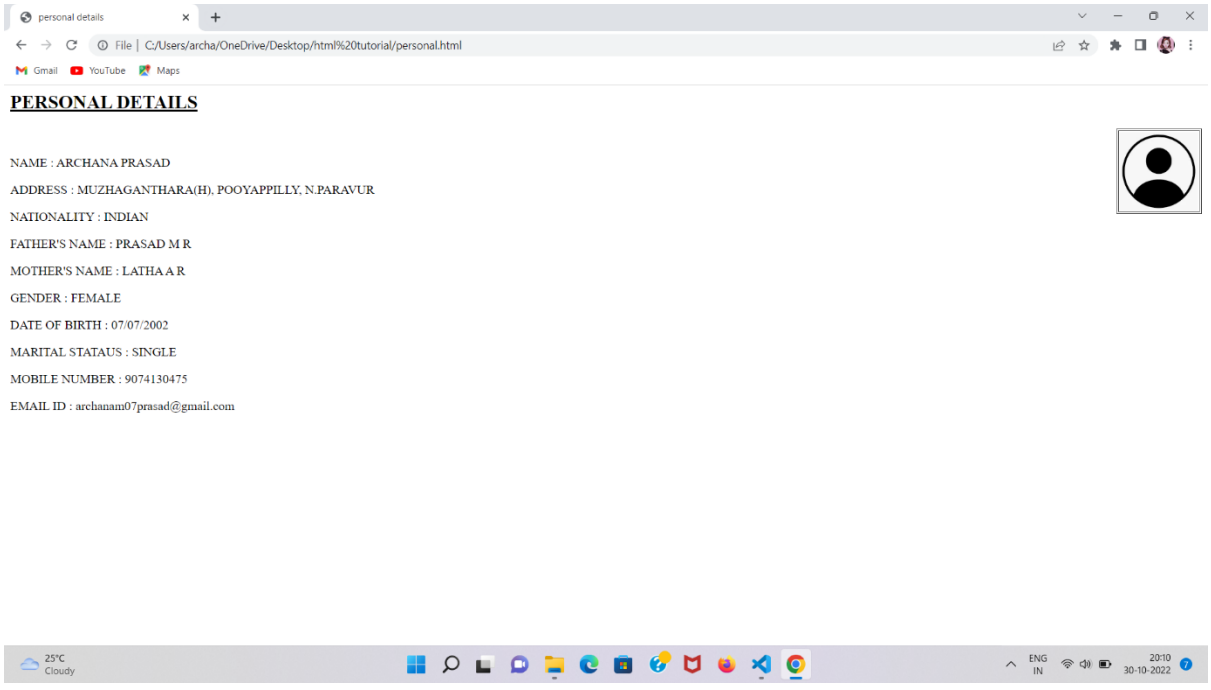
```
<html>
<head>
<title>academic details</title>
</head>
<body>
<h2><b><u>ACADEMIC DETAILS</u></b></h2>
<table border ="1">
<tr>
<th></th>
<th>INSTITUTE NAME</th>
<th>YEAR OF PASSING</th>
<th>MARK PERCENTAGE</th>
</tr>
<tr>
```

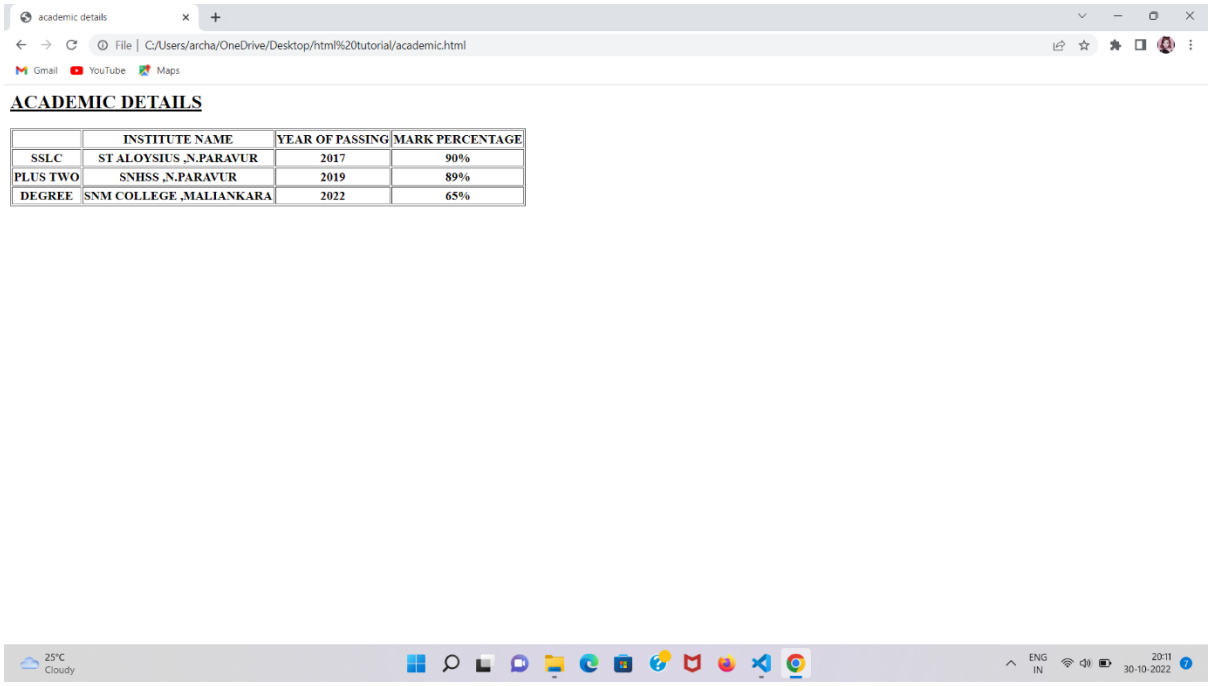
```
<th>SSLC</th>
<th>ST ALOYSIUS ,N.PARAVUR</th>
<th>2017</th>
<th>90%</th>
</tr>
<tr>

<th>PLUS TWO</th>
<th>SNHSS ,N.PARAVUR</th>
<th>2019</th>
<th>89%</th>
</tr>
<tr>
<th>DEGREE</th>
<th>SNM COLLEGE ,MALIANKARA</th>
<th>2022</th>
<th>65%</th>
</tr>
</table>
</body>
</html>
```

OUTPUT


biodata
File | C:/Users/archa/OneDrive/Desktop/html%20tutorial/bio.html
Gmail
YouTube
Maps
BIODATA
link for personal details
link for academic details
25°C
Cloudy
ENG
IN
20:10
30-10-2022


personal details
File | C:/Users/archa/OneDrive/Desktop/html%20tutorial/personal.html
Gmail
YouTube
Maps
PERSONAL DETAILS
NAME : ARCHANA PRASAD
ADDRESS : MUZHAGANTHARA(H), POOYAPPILLY, N.PARAVUR
NATIONALITY : INDIAN
FATHER'S NAME : PRASAD M R
MOTHER'S NAME : LATHA A R
GENDER : FEMALE
DATE OF BIRTH : 07/07/2002
MARITAL STATAUS : SINGLE
MOBILE NUMBER : 9074130475
EMAIL ID : archanam07prasad@gmail.com
25°C
Cloudy
ENG
IN
20:10
30-10-2022


academic details
File | C:/Users/archa/OneDrive/Desktop/html%20tutorial/academic.html
Gmail
YouTube
Maps
ACADEMIC DETAILS
INSTITUTE NAME
YEAR OF PASSING
MARK PERCENTAGE
SSLC
ST ALOYSIUS ,N.PARAVUR
2017
90%
PLUS TWO
SNHSS ,N.PARAVUR
2019
89%
DEGREE
SNM COLLEGE ,MALIANKARA
2022
65%
25°C
Cloudy
ENG
IN
20:11
30-10-2022

AIM

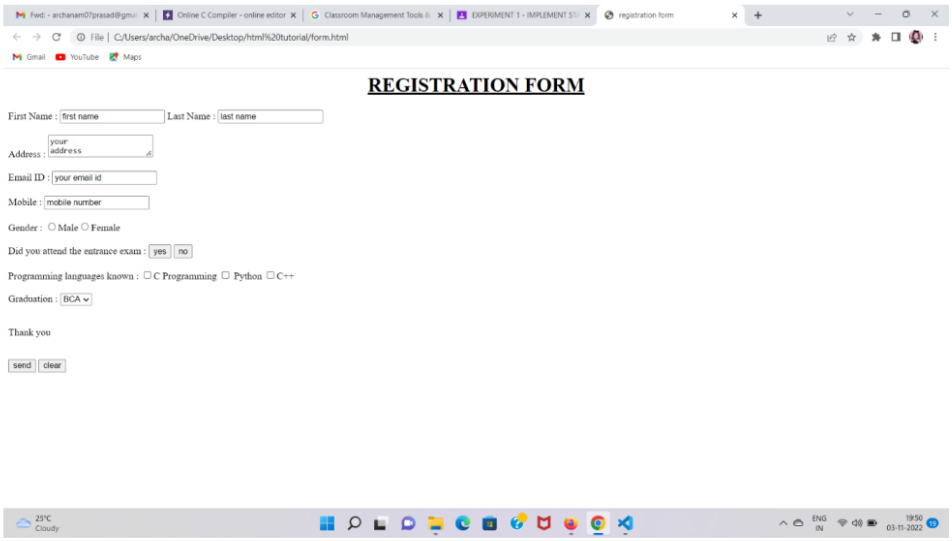
Design an application form for MCA course in FISAT using HTML.

PROGRAM CODE

```
<html>
<head>
<title>registration form</title>
</head>
<body>
<h1 align="center"><b><u>REGISTRATION FORM</u></b></h2>
<form>
First Name : <input name="name" type="text" size="20" value="first name">
Last Name : <input name="name" type="text" size="20" value="last name"><br><br>
Address : <textarea name="name" row="5" column="30">your
address</textarea><br><br>
Email ID : <input name="name" type="text" value="your email id"><br><br>
Mobile : <input name="name" type="text" value="mobile number"><br><br>
Gender : <input type="radio" name="name" value="male">Male<input type="radio"
name="name" value="female">Female<br><br>
Did you attend the entrance exam :
<input type="button" name="yes" value="yes"> <input type="button" name="no"
value="no"><br><br>
Programming languages known :
<input type="checkbox" name="name" value="c">C Programming <input type="checkbox"
name="name" value="python"> Python <input type="checkbox" name="name"
value="c++">C++<br><br>
Graduation : <select name="name"><option>BCA<option>BSc<option>BBA</select>
<br><br>
<p>Thank you </p>
<br>
```

```
<input type="submit" name="send" value="send">
<input type="reset" name="clear" value="clear"><br>
</form>
</body>
</html>
```

OUTPUT



AIM

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

PROGRAM CODE

Main .html

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

Navigation.html

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

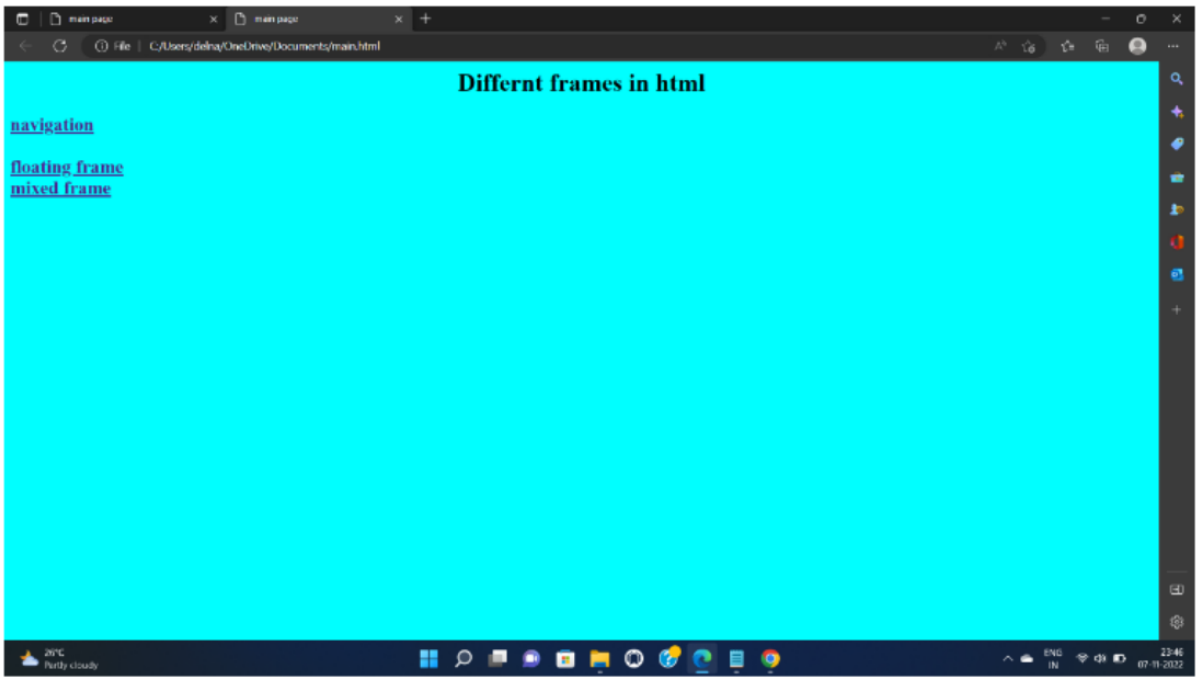
Ifr.html

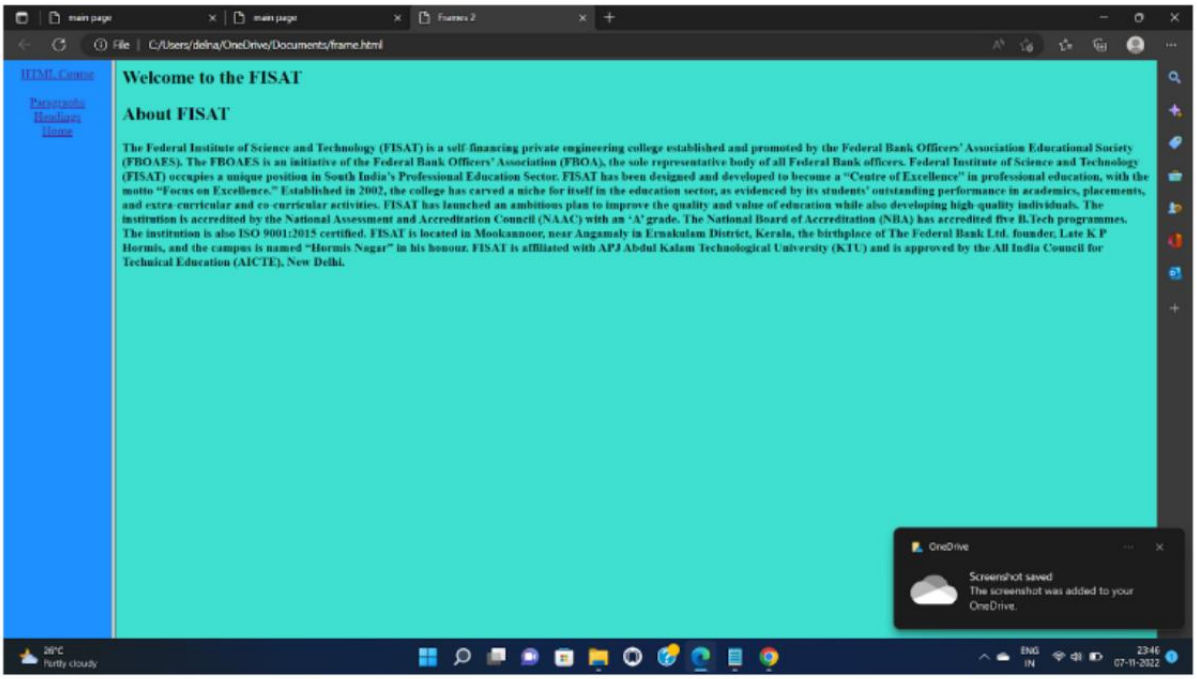
```
<html>
<head>
<title>iframe</title>
</head>
<body bgcolor="Aquamarine">
<h1 align="center"> Departments</h1>
<h3>
FISAT College Departments
<ul>
<li>Civil Engineering</li>
<li>Computer Science and Engineering</li>
<li>Electrical and Electronics Engineering</li>
<li>Electronics and Communication Engineering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

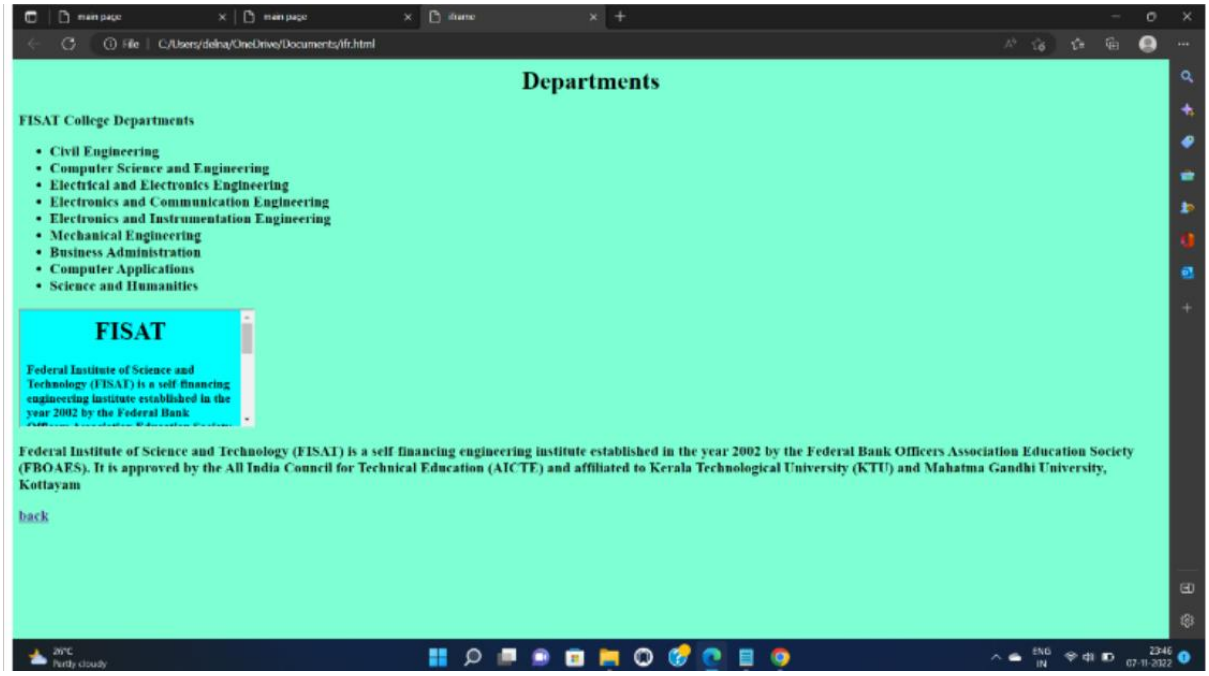
Mixed.html

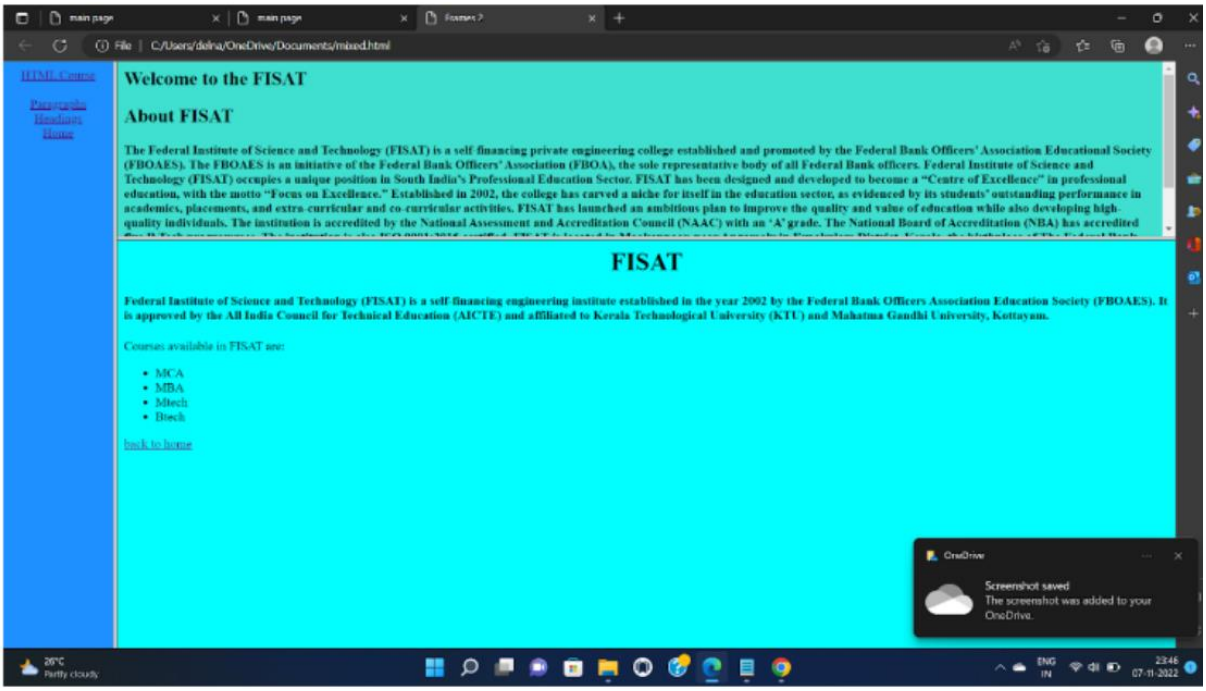
```
<html>
<head><title>Frames 2</title></head>
<frameset cols="140,*">
<frame name="navF" src="navigation.html">
<frameset rows="30%,70%">
<frame name="upperF" src="intro.html">
<frame name="lowerF" src="course.html">
</frameset>
</frameset>
</html>
```

OUTPUT




main page
main page
Frames 2
File | C:/Users/delna/OneDrive/Documents/frame.html
HTML Course
Paragraphs
Headings
Home
Welcome to the FISAT
About FISAT
The Federal Institute of Science and Technology (FISAT) is a self-financing private engineering college established and promoted by the Federal Bank Officers' Association Educational Society (FBOAES). The FBOAES is an initiative of the Federal Bank Officers' Association (FBOA), the sole representative body of all Federal Bank officers. Federal Institute of Science and Technology (FISAT) occupies a unique position in South India's Professional Education Sector. FISAT has been designed and developed to become a "Centre of Excellence" in professional education, with the motto "Focus on Excellence." Established in 2002, the college has carved a niche for itself in the education sector, as evidenced by its students' outstanding performance in academics, placements, and extra-curricular and co-curricular activities. FISAT has launched an ambitious plan to improve the quality and value of education while also developing high-quality individuals. The institution is accredited by the National Assessment and Accreditation Council (NAAC) with an 'A' grade. The National Board of Accreditation (NBA) has accredited 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.
OneDrive
Screenshot saved
The screenshot was added to your OneDrive.


main page
main page
iframe
File | C:/Users/delna/OneDrive/Documents/ifr.html
Departments
FISAT College Departments
Civil Engineering
Computer Science and Engineering
Electrical and Electronics Engineering
Electronics and Communication Engineering
Electronics and Instrumentation Engineering
Mechanical Engineering
Business Administration
Computer Applications
Science and Humanities
FISAT
Federal Institute of Science and Technology (FISAT) is a self financing engineering institute established in the year 2002 by the Federal Bank
Federal Institute of Science and Technology (FISAT) is a self financing engineering institute established in the year 2002 by the Federal Bank Officers Association Education Society (FBOAES). It is approved by the All India Council for Technical Education (AICTE) and affiliated to Kerala Technological University (KTU) and Mahatma Gandhi University, Kottayam
back


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

AIM

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

PROGRAM CODE

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

```
<html>
<head>
<style>
body {background-color: powderblue;}
h1 {color: rgb(255, 89, 0);}
h3 {color: rgb(97, 50, 205)}
p {color: green;}
</style>
</head>
<body>
```

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

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

Annual intake of students for B.Tech Computer Science & Engineering course is 180, B.Tech Computer Science and Design is 60, M.Tech (CSIS) is 12 and M.Tech (Artificial Intelligence and Data Science) is 12. </h3>

<h3>The institution offers post graduate programs in M Tech, Master of Computer Applications and Master of Business Administration, all affiliated to APJ Abdul Kalam Technological University.The duration of the PG Programmes is 4 semesters.</h3>

</body>

</html>

```
body {
   background-color: rgb(221, 160, 160);
   }
   h1 {
   color: rgb(112, 200, 216);
   }
   h3 {
   color: rgb(0, 130, 48);
   }
   p {
   color: rgb(74, 0, 211);
   }
```

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

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

Annual intake of students for B.Tech Computer Science Engineering course is 180, B.Tech Computer Science and Design is 60, M.Tech (CSIS) is 12 and M.Tech (Artificial Intelligence and Data Science) is 12. </h2>

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

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

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

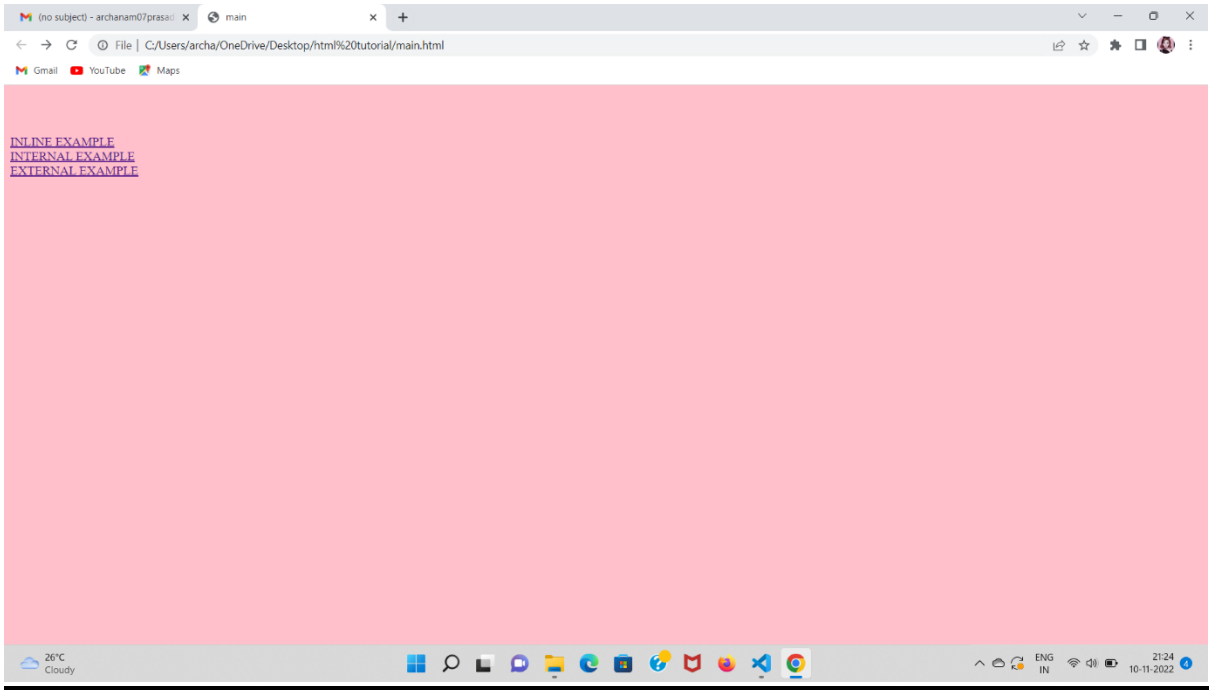
The institution offers post graduate programs in M Tech, Master of Computer Applications and Master of Business Administration, all affiliated to APJ Abdul Kalam Technological University.The duration of the PG Programmes is 4 semesters.</h2></p>

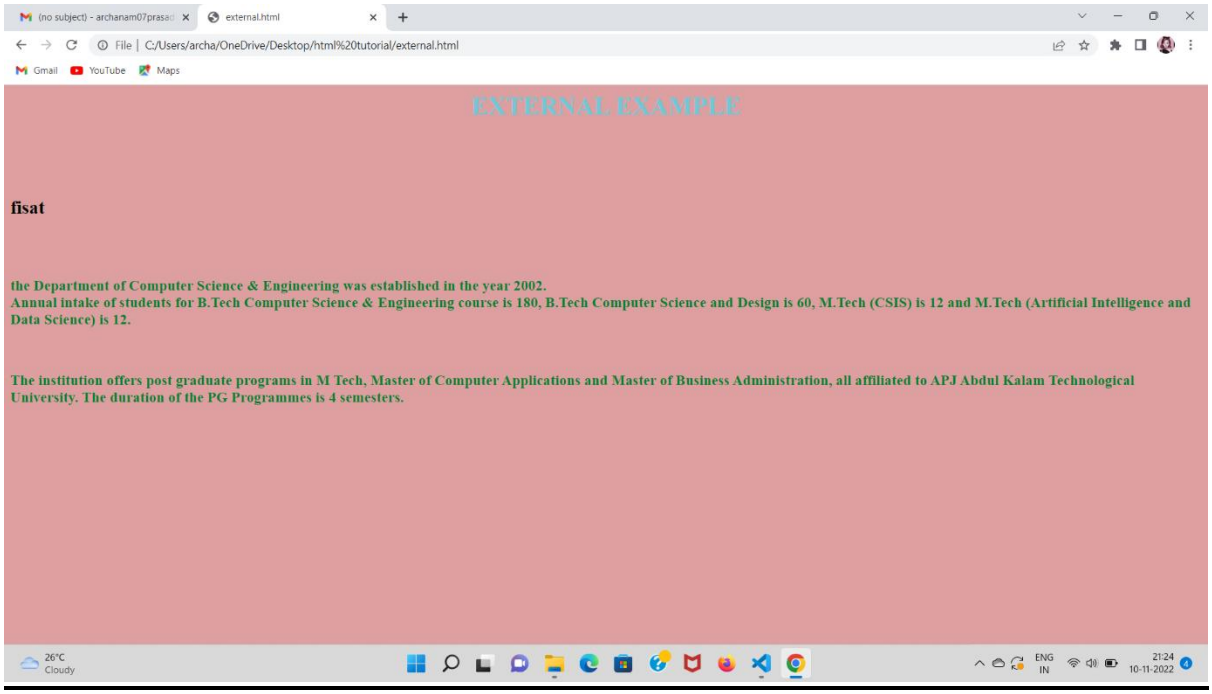
</p>

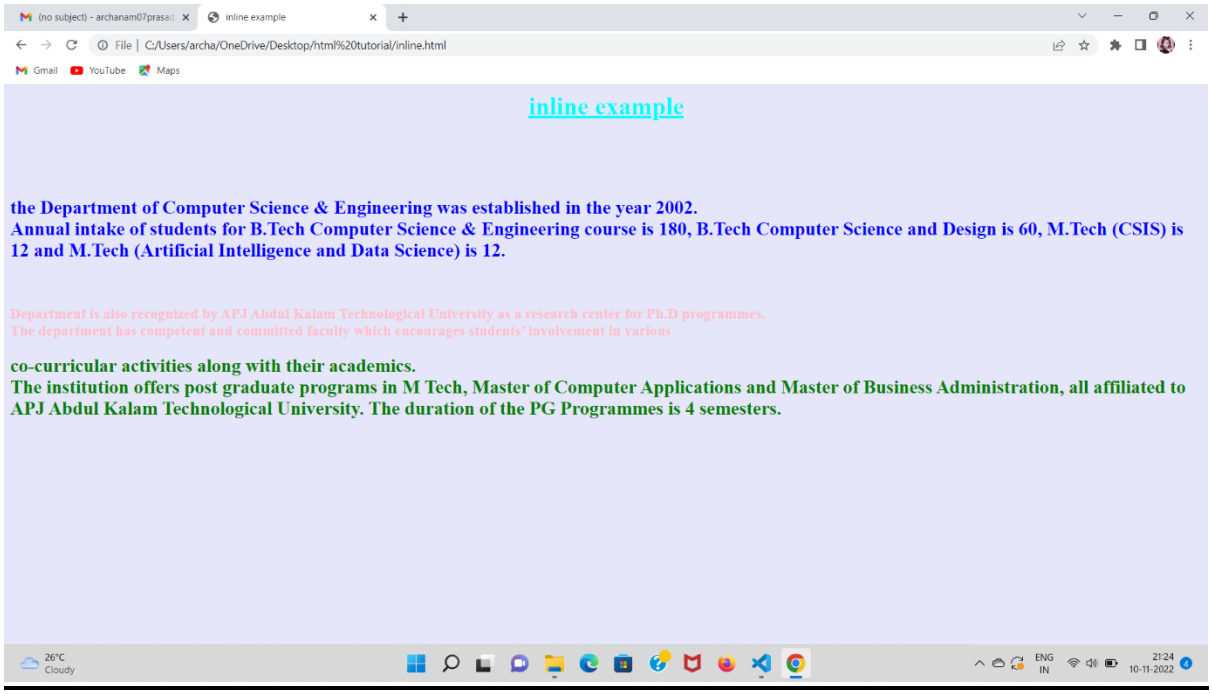
</body>

</html>

OUTPUT




(no subject) - archanam07prasad
external.html
File | C:/Users/archa/OneDrive/Desktop/html%20tutorial/external.html
Gmail
YouTube
Maps
EXTERNAL EXAMPLE
fisat
the Department of Computer Science & Engineering was established in the year 2002.
Annual intake of students for B.Tech Computer Science & Engineering course is 180, B.Tech Computer Science and Design is 60, M.Tech (CSIS) is 12 and M.Tech (Artificial Intelligence and Data Science) is 12.
The institution offers post graduate programs in M Tech, Master of Computer Applications and Master of Business Administration, all affiliated to APJ Abdul Kalam Technological University. The duration of the PG Programmes is 4 semesters.
26°C
Cloudy
ENG
IN
21:24
10-11-2022


(no subject) - archanam07prasad
inline example
File | C:/Users/archa/OneDrive/Desktop/html%20tutorial/inline.html
Gmail
YouTube
Maps
inline example
the Department of Computer Science & Engineering was established in the year 2002.
Annual intake of students for B.Tech Computer Science & Engineering course is 180, B.Tech Computer Science and Design is 60, M.Tech (CSIS) is 12 and M.Tech (Artificial Intelligence and Data Science) is 12.
Department is also recognized by APJ Abdul Kalam Technological University as a research center for Ph.D programmes.
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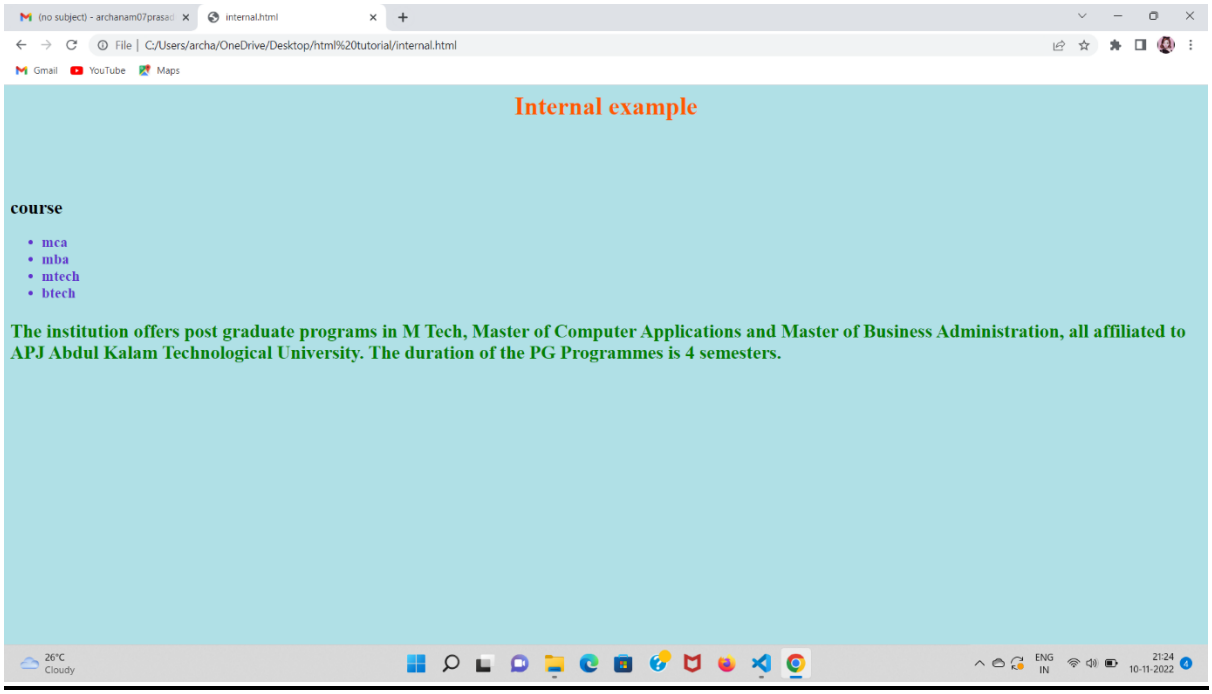
co-curricular activities along with their academics.
The institution offers post graduate programs in M Tech, Master of Computer Applications and Master of Business Administration, all affiliated to APJ Abdul Kalam Technological University. The duration of the PG Programmes is 4 semesters.
26°C
Cloudy
ENG
IN
21:24
10-11-2022


(no subject) - archanam07prasad
internal.html
File | C:/Users/archa/OneDrive/Desktop/html%20tutorial/internal.html
Gmail
YouTube
Maps
Internal example
course
mca
mba
mtech
btech
The institution offers post graduate programs in M Tech, Master of Computer Applications and Master of Business Administration, all affiliated to APJ Abdul Kalam Technological University. The duration of the PG Programmes is 4 semesters.
26°C
Cloudy
ENG
IN
21:24
10-11-2022

AIM

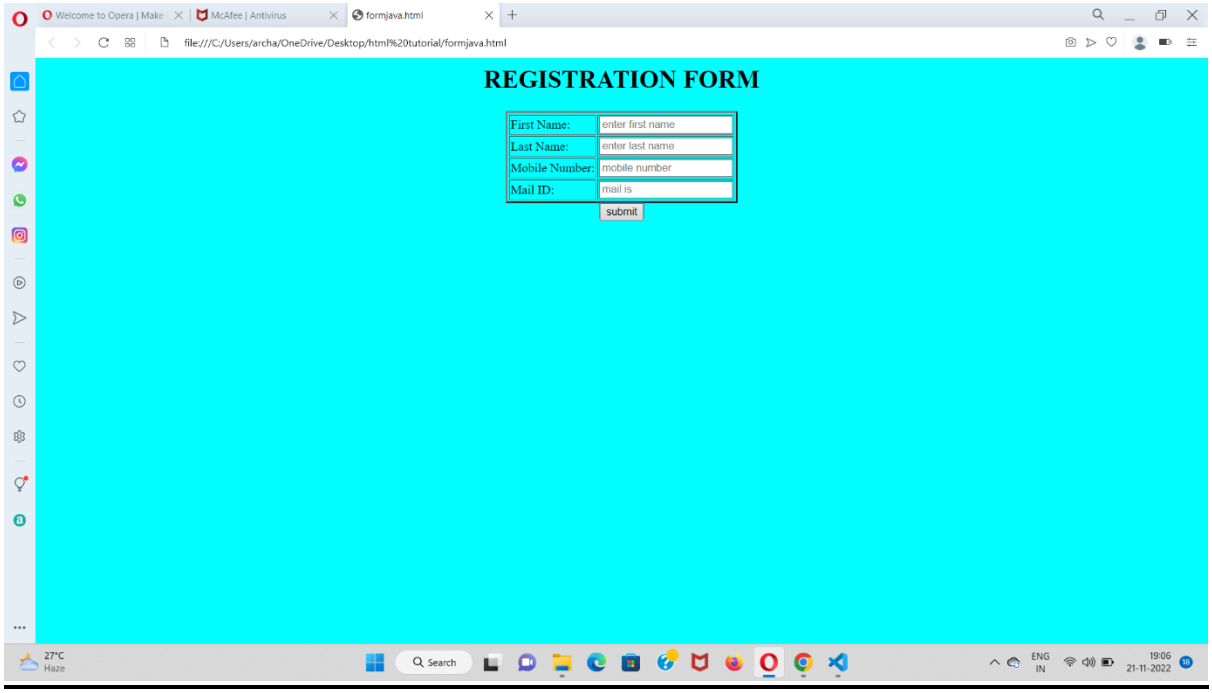
Create a HTML registration form and to validate the form using JavaScript code.

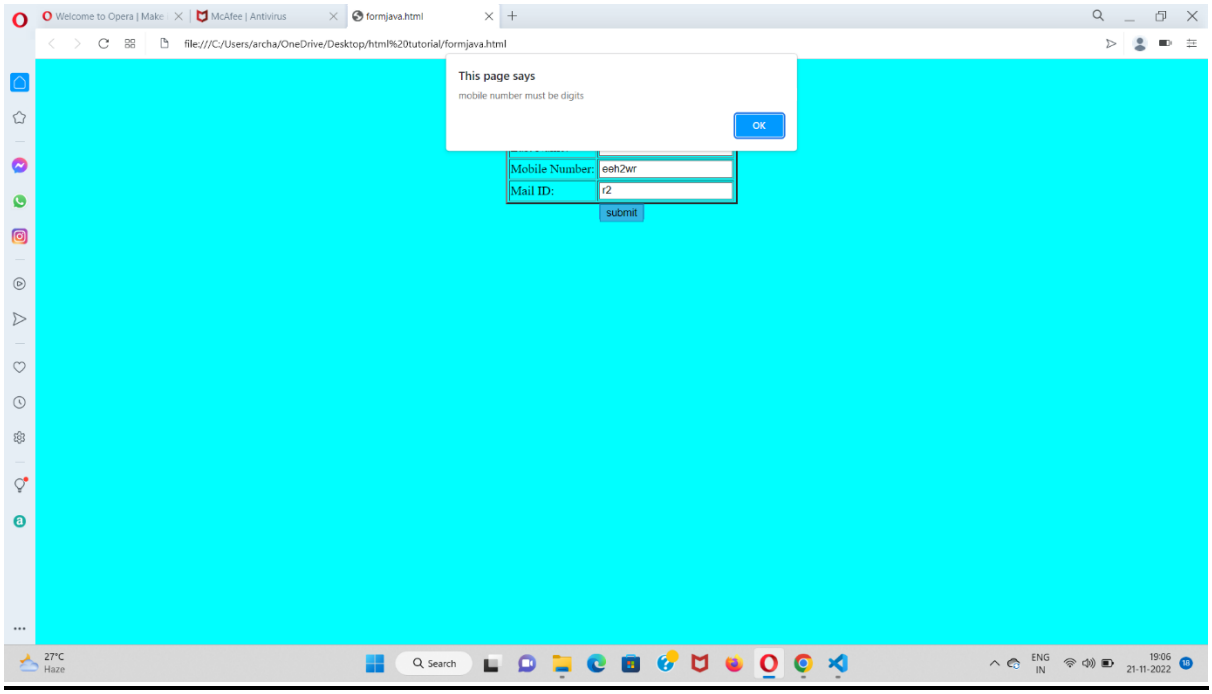
PROGRAM CODE

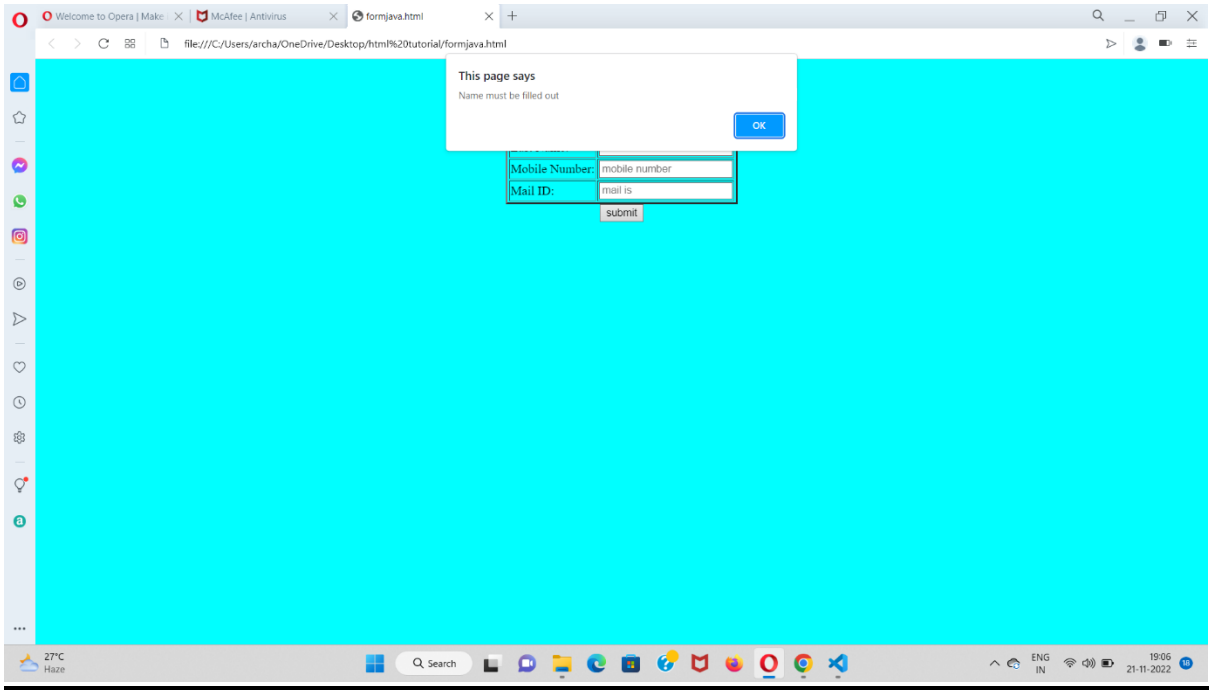
```
<html>
<head>
<script>
function validateform()
{
var x = document.forms[“myform”][“fname”].value;
var y = document.forms[“myform”][“fname1”].value;
if (x==““)
{
alert(“Name must be filled out”);
return false;
}
if (y==““)
{
alert(“Name must be filled out”);
return false;
}
var n = document.forms[“myform”][“fname2”].value;
if(isNaN(n))
alert(“mobile number must be digits”)
return false;
}
</script>
</head>
<body bgcolor=“cyan” align=“center”>
```

```
<h1 align="center"><b>REGISTRATION FORM</b></h2>
<form name="myform" onsubmit="return validateform()" action="main.html"
method="post">
<table border="3" align="center">
<tr>
<td>First Name:</td>
<td><input type="text" name="fname" placeholder="enter first name"></td>

</tr>
<tr>
<td>Last Name:</td>
<td><input type="text" name="fname1" placeholder="enter last name"></td>
</tr>
<tr>
<td>Mobile Number:</td>
<td><input type="text" name="fname2" placeholder="mobile number"></td>
</tr>
<tr>
<td>Mail ID:</td>
<td><input type="text" name="fname3" placeholder="mail is"></td>
</tr>
</table>
<input type="submit" name="send" value="submit"><br>
</form>
</body>
</html>
```

OUTPUT


formjava.html
file:///C:/Users/archa/OneDrive/Desktop/html%20tutorial/formjava.html
REGISTRATION FORM
First Name:
enter first name
Last Name:
enter last name
Mobile Number:
mobile number
Mail ID:
mail is
submit


formjava.html
file:///C:/Users/archa/OneDrive/Desktop/html%20tutorial/formjava.html
This page says
mobile number must be digits
OK
Mobile Number:
eeh2wr
Mail ID:
r2
submit


Welcome to Opera | Make
McAfee | Antivirus
formjava.html
file:///C:/Users/archa/OneDrive/Desktop/html%20tutorial/formjava.html
This page says
Name must be filled out
OK
Mobile Number:
mobile number
Mail ID:
mail is
submit
27°C
Haze
Search
ENG
IN
19:06
21-11-2022

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: #fffbc9;
  text-align: center;
  border-style: groove;
  border-color: #92a8d1;
}
.myDiv1 {
  width: 500px;
  height: 1000px;
  position: absolute;
  top: 5%;
  left: 50%;
  background-color: #fffbc9;
  text-align: center;
  border-style: groove;
  border-color: #92a8d1;
}
</style>
```

```
</head>
<body>
<div class="myDiv">
<br><br><h2><u>STRING 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">
```

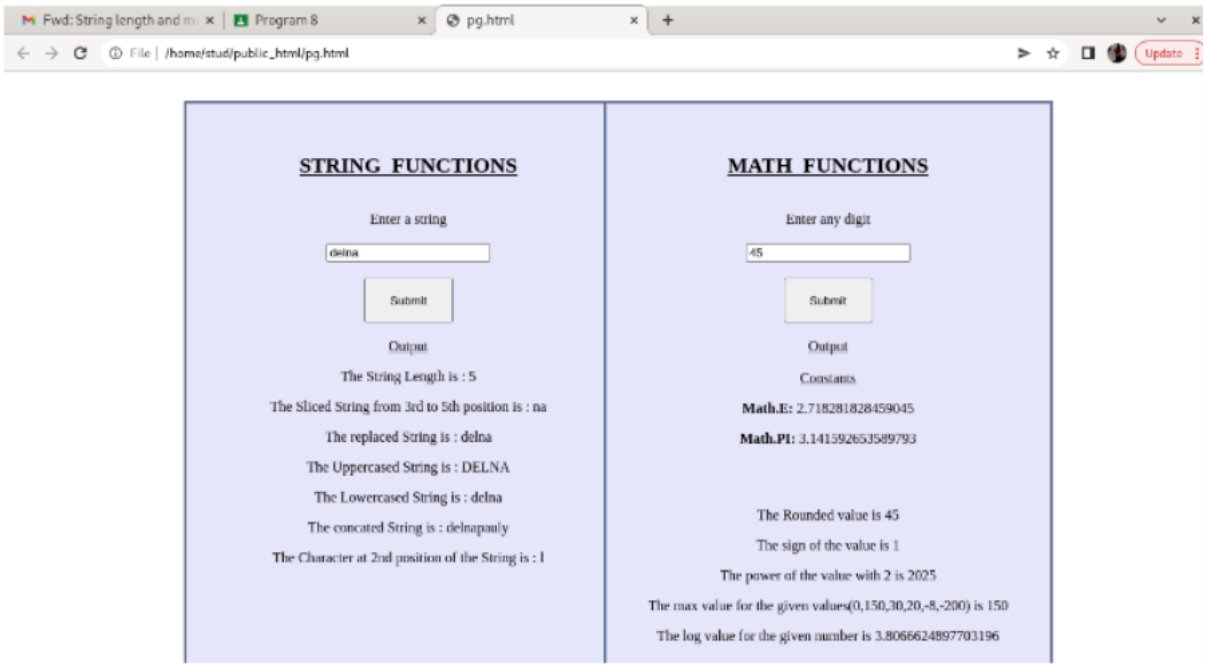
```
<br><br><h2><u>MATH FUNCTIONS</u></h2><br>
Enter any digit<br><br><input type="number" id="qu" name="quantity">
<br><br>
<button type="submit" style="height:50px; width:100px" value="Submit"
onclick="MathForm()">Submit</button>
<br><br>
<u>Output</u><br><br>
<u>Constants</u><br>
<p id="texta">
</p>
<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="textl">
</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","pauly");
let rep = text.replaceAll("m","M");
let up = text.toUpperCase();
let lo = text.toLowerCase();
let co = text.concat("","pauly");
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 Trimed 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



AIM

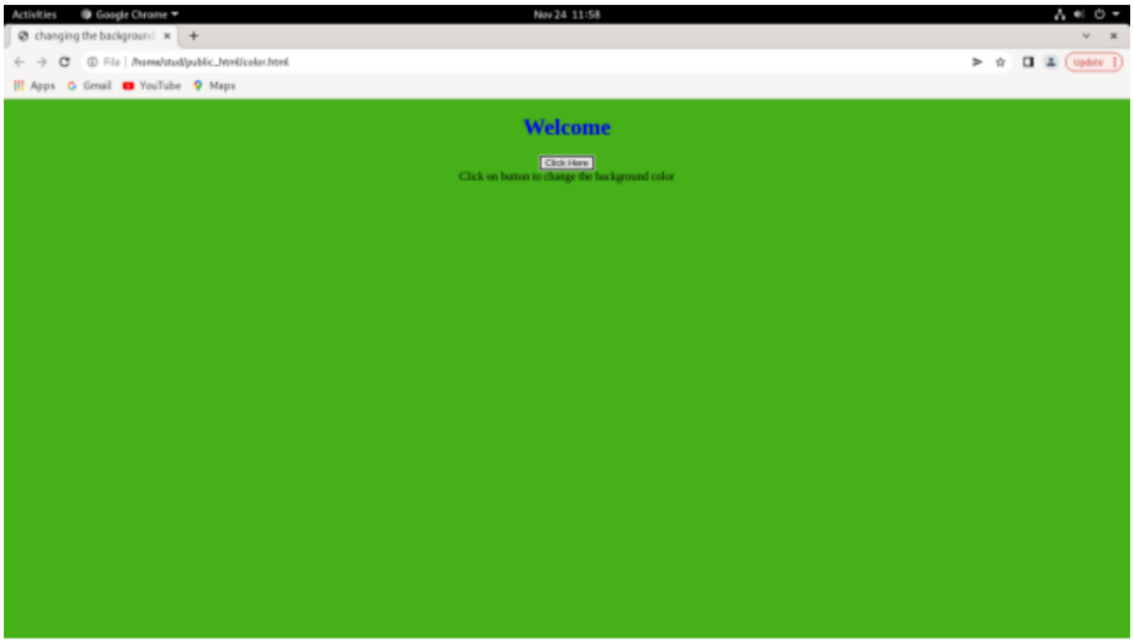
Create a HTML page to change the background color for every click of a button using JavaScript Event Handling.

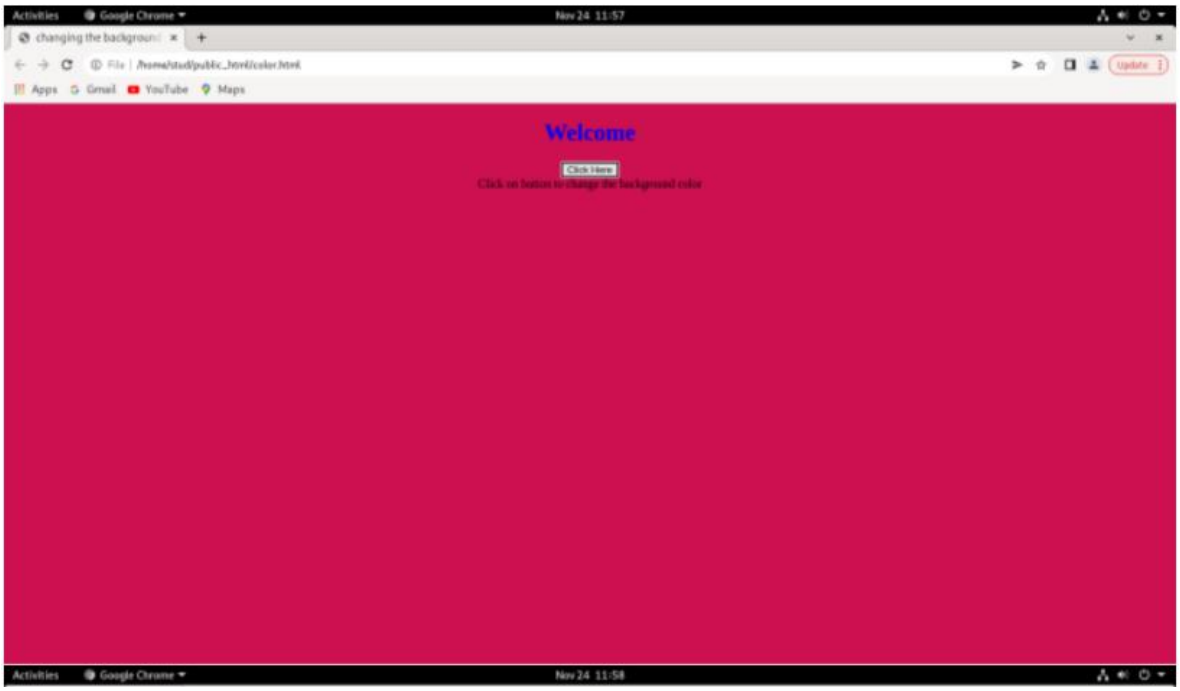
PROGRAM CODE

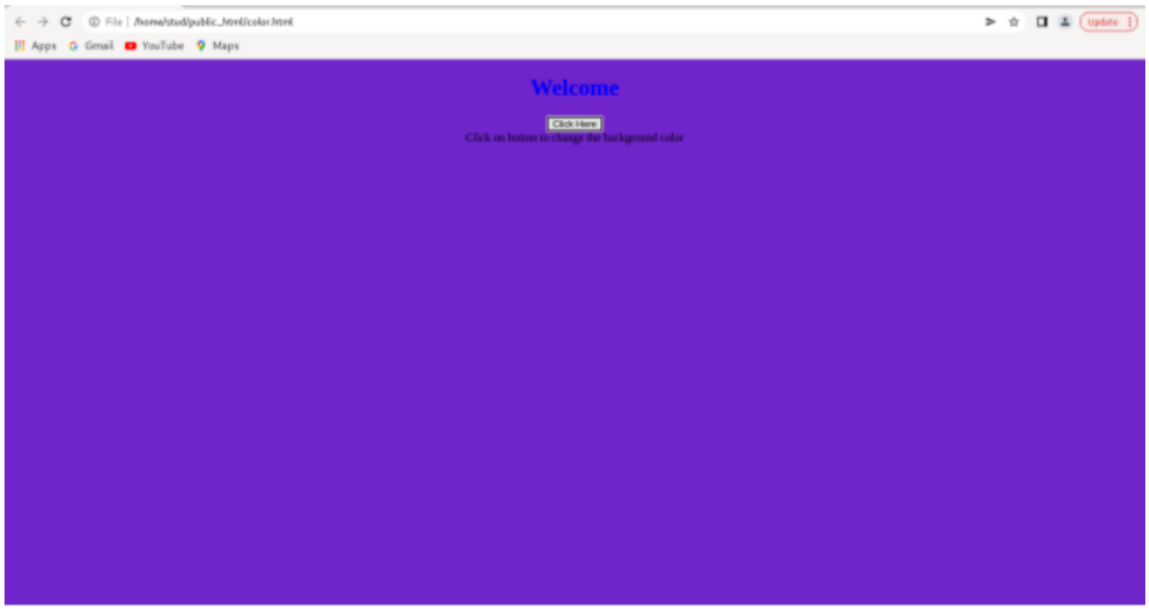
```
<!DOCTYPE HTML>
<html>
<head>
<title>
changing the background color
</title>
</head>
<body style = "text-align:center;">
<h1 style = "color:blue;" >
Welcome
</h1>
<button type="button" id="color-button" onclick="changeBg()">Click Here
</button>
<br>
<script>
document.writeln( "Click on button to change the background color");
const pageBody = document.querySelector("body");
function changeBg()
{
```

```
let color = '#'+(Math.random()*0xFFFFFF<<0).toString(16);
pageBody.style.background = color;
}
</script>
</body>
</html>
```

OUTPUT




Activities
Google Chrome
Nov 24 11:57
changing the backgroun
File | /home/stud/public_html/color.html
Update
Apps
Gmail
YouTube
Maps
Welcome
Click Here
Click on button to change the background color
Activities
Google Chrome
Nov 24 11:58


File | /home/stud/public_html/color.html
Update
Apps
Gmail
YouTube
Maps
Welcome
Click Here
Click on button to change the background color

AIM

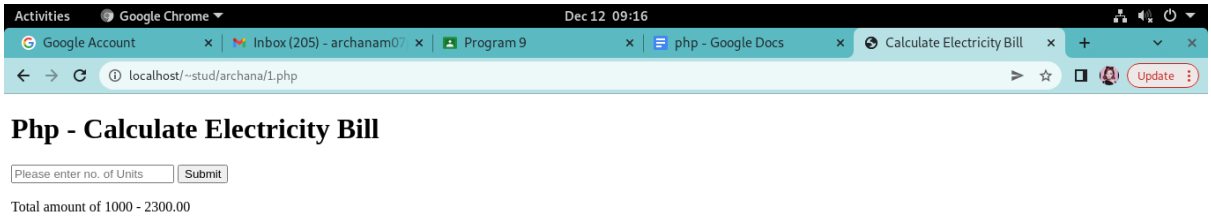
Compose Electricity bill from user input based on a given tariff using PHP.

PROGRAM CODE

```
<!DOCTYPE html>
<head>
<title>Calculate Electricity Bill</title>
</head>
<?php
$result_str = $result = '';
if (isset($_POST['unit-submit'])) {
   $units = $_POST['units'];
   if (!empty($units)) {
      $result = calculate_bill($units);
      $result_str = 'Total amount of ' . $units . ' - ' . $result;
   }
}
function calculate_bill($units) {
   $unit_cost_first = 4;
   $unit_cost_second = 5;
   $unit_cost_third = 6;

   if($units <= 100) {
      $bill = $units * $unit_cost_first;
   }
   else if($units > 100 && $units <= 200) {
      $temp = 100 * $unit_cost_first;
      $remaining_units = $units - 100;
      $bill = $temp + ($remaining_units * $unit_cost_second);
   }
   else {
      $temp = (100 * 4) + (100 * $unit_cost_second) + (100 * $unit_cost_third);
      $remaining_units = $units - 200;
      $bill = $temp + $remaining_units ;
   }
   return number_format((float)$bill, 2, '.', '');
}
?>

<body>
<div id="page-wrap">
<h1>Php - Calculate Electricity Bill</h1>

<form action="" method="post" id="quiz-form">
        <input type="number" name="units" id="units" placeholder="Please enter no. of
Units" />
```

```
        <input type="submit" name="unit-submit" id="unit-submit" value="Submit" />
</form>

<div>
  <?php echo '<br />' . $result_str; ?>
</div>
</div>
</body>
</html>
```

OUTPUT



AIM

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

PROGRAM CODE

10.html

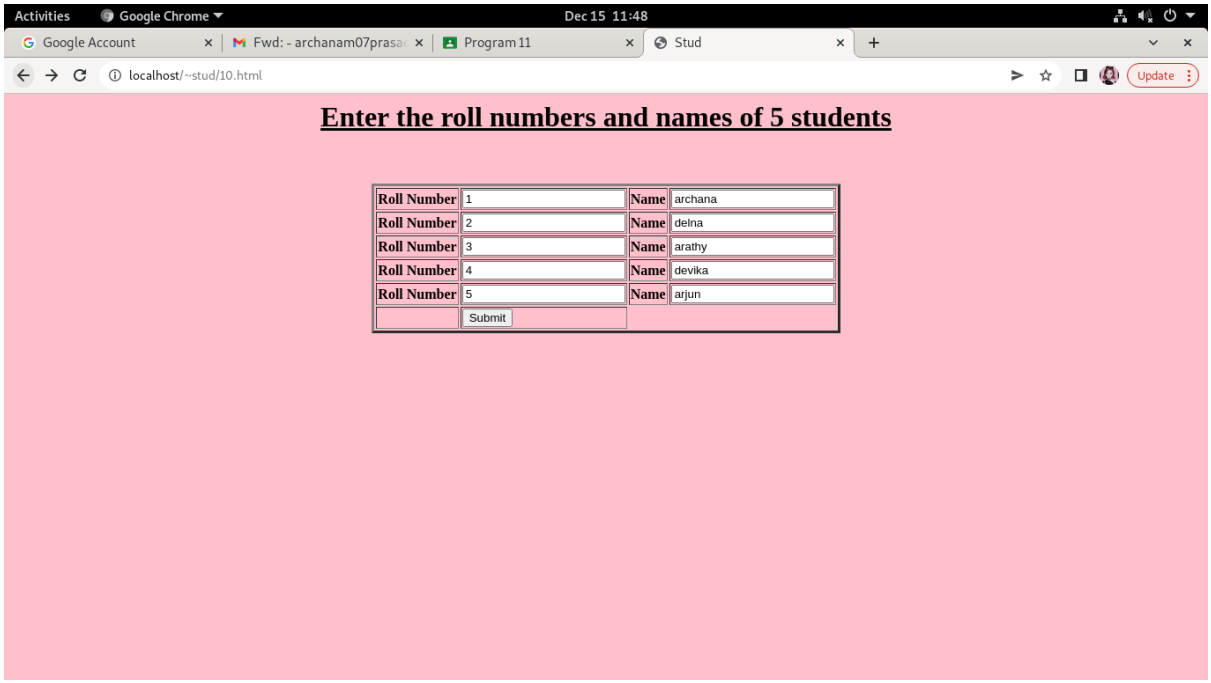
```
<html>
<head><title>Stud</title></head>
<body bgcolor="pink">
<h1 align="center"><u>Enter the roll numbers and names of 5 students</u></h1><br><br>
<form action="10.php" method="post">
<table align="center" border="3">
<tr>
        <th>Roll Number</th>
        <td><input type="number" name="r1"></td>
        <th>Name</th>
        <td><input type="text" name="n1"></td>
</tr>
<tr>
        <th>Roll Number</th>
        <td><input type="number" name="r2"></td>
        <th>Name</th>
        <td><input type="text" name="n2"></td>
</tr>
<tr>
        <th>Roll Number</th>
        <td><input type="number" name="r3"></td>
        <th>Name</th>
        <td><input type="text" name="n3"></td>
</tr>
<tr>
        <th>Roll Number</th>
        <td><input type="number" name="r4"></td>
        <th>Name</th>
        <td><input type="text" name="n4"></td>
</tr>
<tr>
        <th>Roll Number</th>
        <td><input type="number" name="r5"></td>
        <th>Name</th>
        <td><input type="text" name="n5"></td>
</tr>
<tr>
        <th> </th>
        <td><input type="submit" name="Submit" id="submit"></td>
```

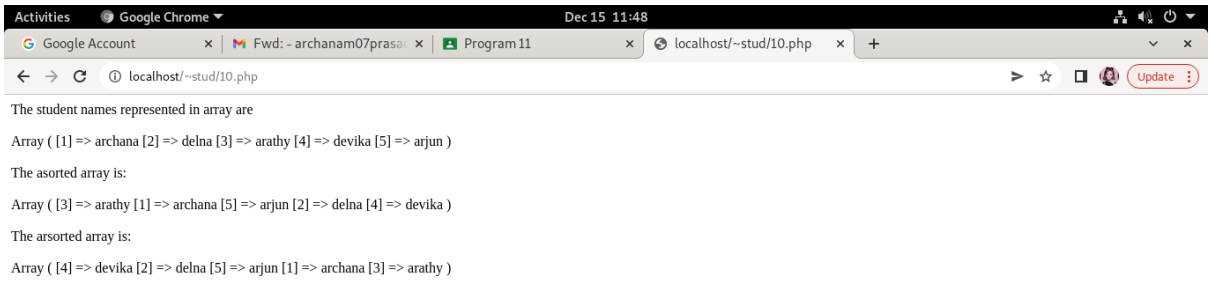
```
</tr>
</body>
</html>
```

10.php

```
<?php
echo"The student names represented in array are<br><br>";
$rl1=$_REQUEST["r1"];
$rl2=$_REQUEST["r2"];
$rl3=$_REQUEST["r3"];
$rl4=$_REQUEST["r4"];
$rl5=$_REQUEST["r5"];
$na1=$_REQUEST["n1"];
$na2=$_REQUEST["n2"];
$na3=$_REQUEST["n3"];
$na4=$_REQUEST["n4"];
$na5=$_REQUEST["n5"];
$arr=array("$rl1"=>"$na1","$rl2"=>"$na2","$rl3"=>"$na3","$rl4"=>"$na4","$rl5"=>"$na5")
;
print_r($arr);
echo"<br><br> The asorted array is:<br><br>";
asort($arr);
print_r($arr);
echo"<br><br> The arsorted array is:<br><br>";
arsort($arr);
print_r($arr);
?>
```

OUTPUT


Activities
Google Chrome
Dec 15 11:48
Google Account
Fwd: - archanam07prasa
Program 11
Stud
localhost/~stud/10.html
Update
Enter the roll numbers and names of 5 students
Roll Number 1 Name archana
Roll Number 2 Name delna
Roll Number 3 Name arathy
Roll Number 4 Name devika
Roll Number 5 Name arjun
Submit


Activities
Google Chrome
Dec 15 11:48
Google Account
Fwd: - archanam07prasa
Program 11
localhost/~stud/10.php
localhost/~stud/10.php
Update
The student names represented in array are
Array ([1] => archana [2] => delna [3] => arathy [4] => devika [5] => arjun)
The asorted array is:
Array ([3] => arathy [1] => archana [5] => arjun [2] => delna [4] => devika)
The arsorted array is:
Array ([4] => devika [2] => delna [5] => arjun [1] => archana [3] => arathy)

AIM

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

PROGRAM CODE

11.html

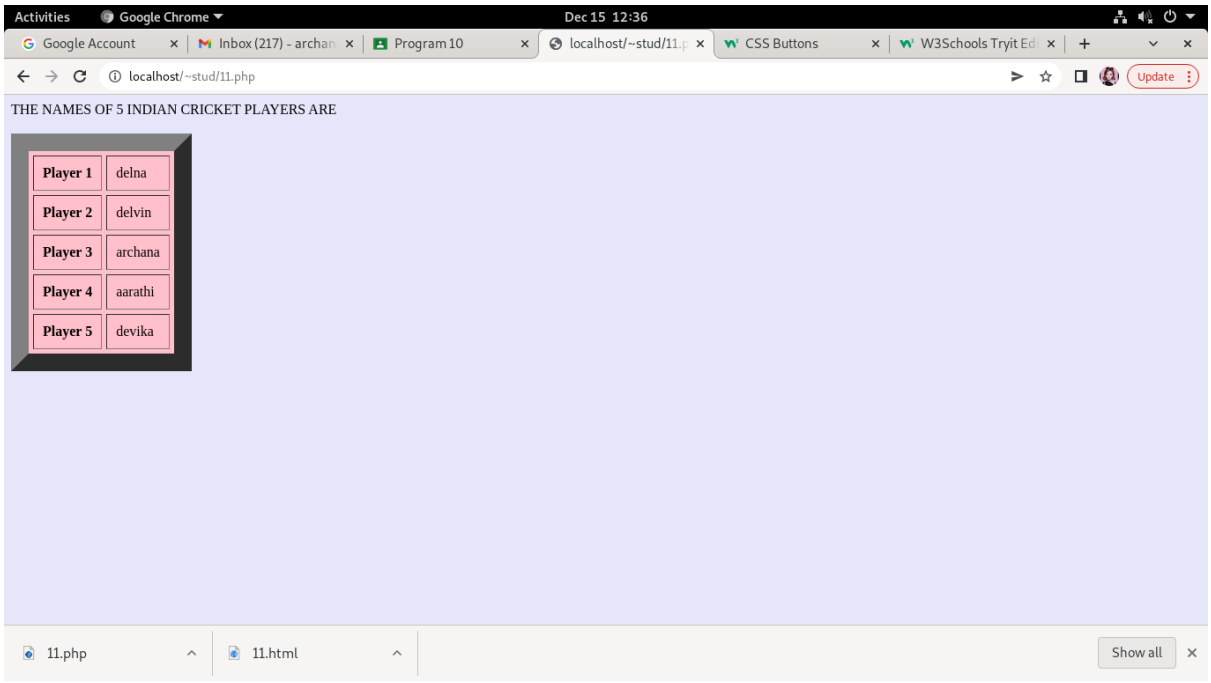
```
<html>
<head>
  <title>Cricket players</title>
</head>
<body bgcolor="pink">
<h1 align="center"><font color="green"><u>5 INDIAN CRICKET
PLAYERS</u></font></h1><br>
<form action="11.php" method="post">
<table align="center" border="2">
<tr>
<th>Player 1</th>
<td><input type="text" name="p1" id="p1"></td>
</tr>
<tr>
<th>Player 2</th>
<td><input type="text" name="p2" id="p2"></td>
</tr>
<tr>
<th>Player 3</th>
<td><input type="text" name="p3" id="p3"></td>
</tr>
<tr>
<th>Player 4</th>
<td><input type="text" name="p4" id="p4"></td>
</tr>
<tr>
<th>Player 5</th>
<td><input type="text" name="p5" id="p5"></td>
</tr>
<tr>
<th> </th>
<td><input type="submit" value="submit"></td>
</tr>
</table>
</form>
</html>
```

11.php

```
<?php
$pl1=$_REQUEST["p1"];
$pl2=$_REQUEST["p2"];
$pl3=$_REQUEST["p3"];
$pl4=$_REQUEST["p4"];
$pl5=$_REQUEST["p5"];
echo"<body style='background-color:lavender'>";
echo"THE NAMES OF 5 INDIAN CRICKET PLAYERS ARE <br><br>";
echo"<table border=20 cellspacing=5 cellpadding=10  bgcolor=pink>
<tr>
<th>Player 1</th>
<td>$pl1</td>
</tr>
<tr>
<th>Player 2</th>
<td>$pl2</td>
</tr>
<tr>
<th>Player 3</th>
<td>$pl3</td>
</tr>
<tr>
<th>Player 4</th>
<td>$pl4</td>
</tr>
<tr>
<th>Player 5</th>
<td>$pl5</td>
</tr>
</table>";
?>
```

OUTPUT

Activities
Google Chrome
Dec 15 12:36
Google Account
Inbox (217) - archan
Program 10
Cricket players
CSS Buttons
W3Schools Tryit Edi
localhost/~stud/11.html
Update
5 INDIAN CRICKET PLAYERS
Player 1
delna
Player 2
delvin
Player 3
archana
Player 4
aarathi
Player 5
devika
submit
11.php
11.html
Show all


Activities
Google Chrome
Dec 15 12:36
Google Account
Inbox (217) - archan
Program 10
localhost/~stud/11.p
CSS Buttons
W3Schools Tryit Edi
localhost/~stud/11.php
Update
THE NAMES OF 5 INDIAN CRICKET PLAYERS ARE
Player 1
delna
Player 2
delvin
Player 3
archana
Player 4
aarathi
Player 5
devika
11.php
11.html
Show all

AIM

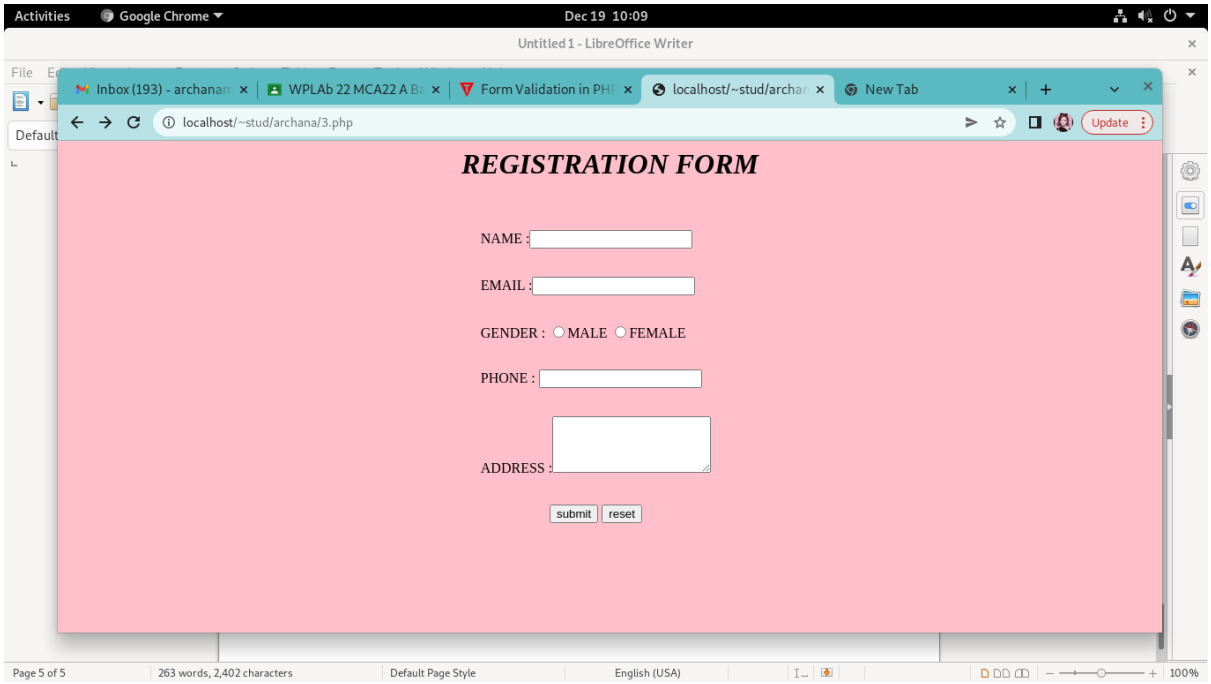
Outline a registration form using PHP and do necessary validations.

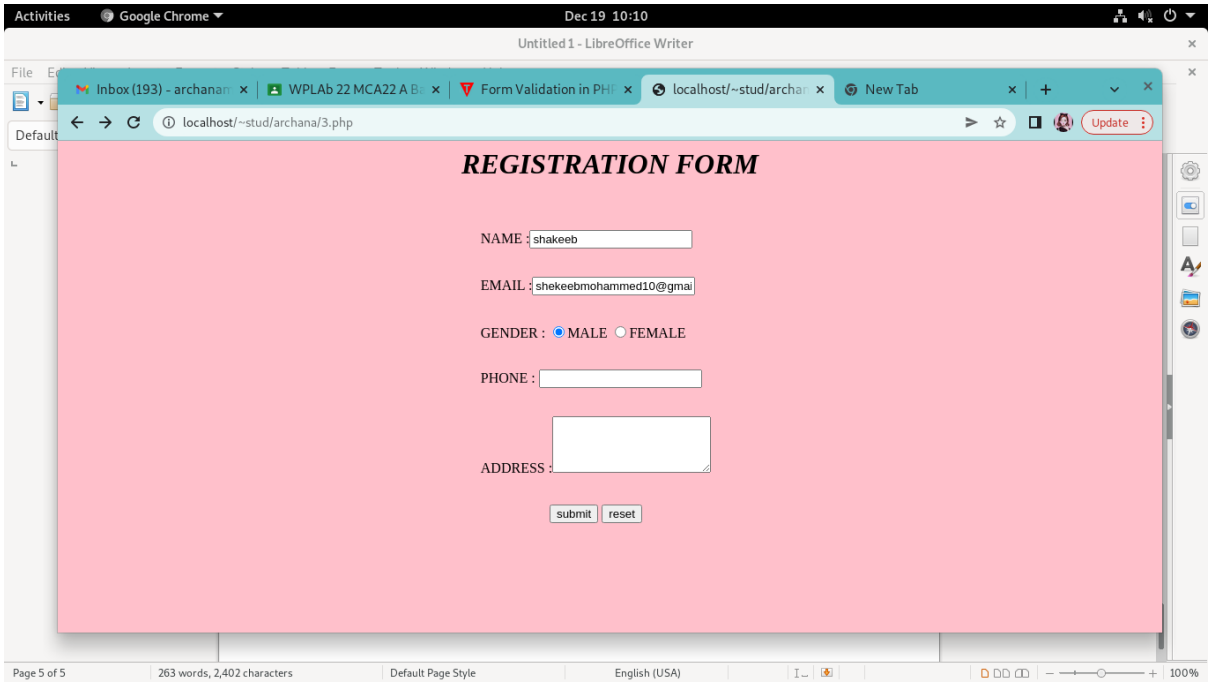
PROGRAM CODE

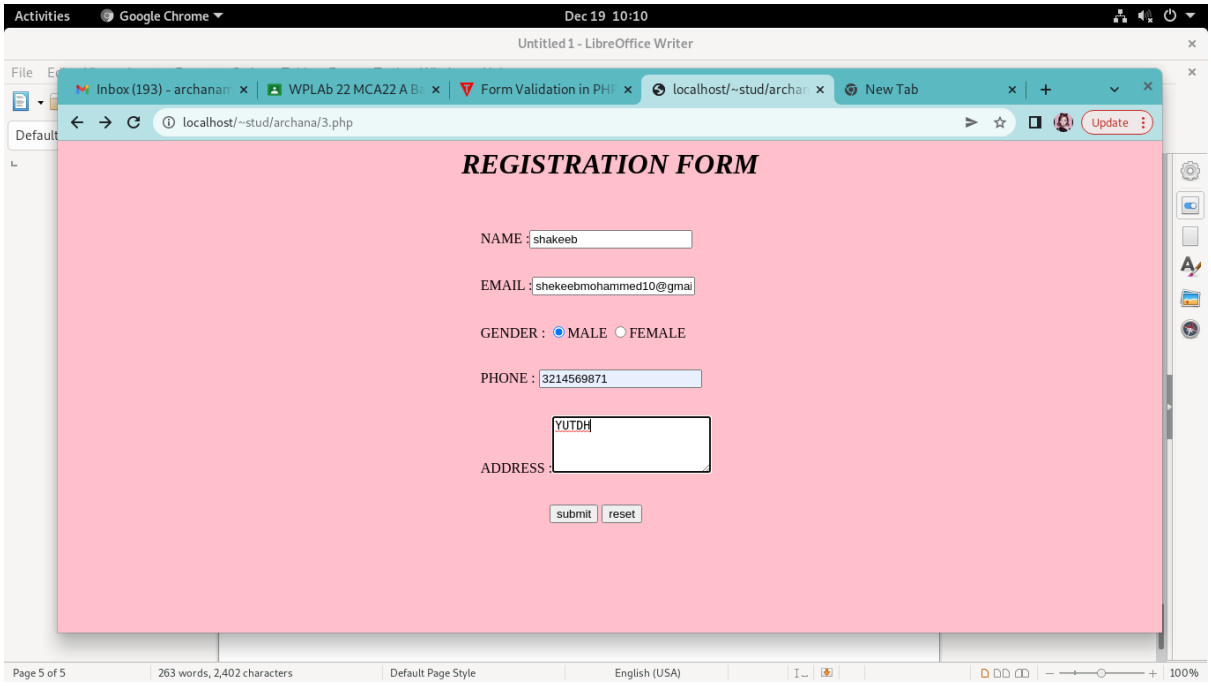
```
<?php
$name = $email= $gender = $address= $phone= $gender= "";
$name1= $email1= $gender1= $address1= $phone1= $gender1= "";
if (isset($_POST["submit"])){

if (empty($_POST["fname"])){

$name = "Name is required";}

else{

$name1 = $_POST["fname"];  }

if (empty($_POST["email"])){
$email= "Email is required";}
else{
 $email1= $_POST["email"];  }
if (empty($_POST["address"])){
$address = "Address is required";}
else{
$address1= $_POST["address"];  }

if (empty($_POST["gender"])){
$gender = "Gender is required";}
else{
$gender1 = $_POST["gender"]; }
if (empty($_POST["phone"])){
$phone= "phone is required";}
else{
 $phone1 = $_POST["phone"];  }
}
?>
<html>
<head>
<style>
.error {color: #FF0000;}
td{
padding:15px;}
</style>
</head>
<center>
<body bgcolor="pink">
```

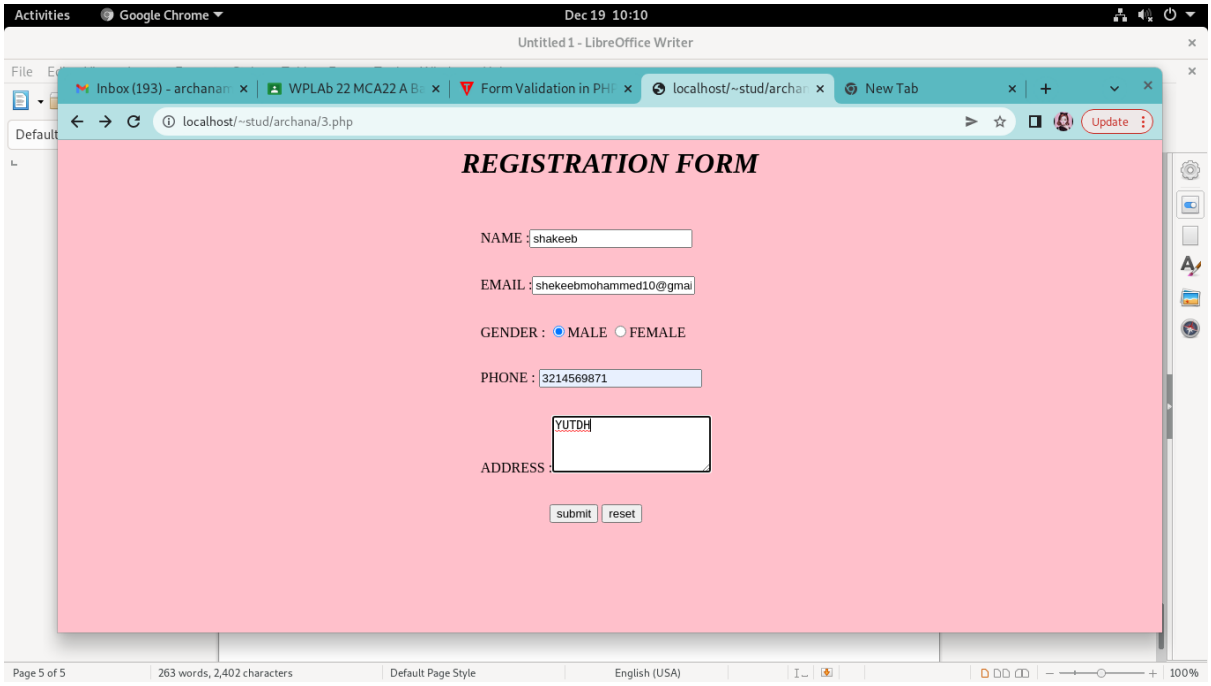
```
<table >
<form method="post" action="#">
<h1><I>REGISTRATION FORM</I></h1><br>
<tr>
<td>NAME :<input type="text" name="fname"></td>
<td><span class="error"><?php echo $name;?></span></td>
</tr>
<tr>
<td>EMAIL :<input type="text" name="email"></td>
<td><span class="error"><?php echo $email;?></span></td>
</tr>
<td>GENDER : <input type="radio" name="gender" value="male">MALE
<input type="radio" name="gender" value="female">FEMALE</td>
<td><span class="error"><?php echo $gender;?></span></td>
</tr>
<tr>
<td>PHONE : <input type="text" name="phone"></td>
<td><span class="error"><?php echo $phone;?></span> </td>
</tr>
<tr>
<td>ADDRESS :<textarea rows="4" cols="20" name=address></textarea></td>
<td><span class="error"><?php echo $address;?></span></td>
</tr>
<td><center><input type="submit" name="submit" value="submit">
<input type="reset" name="reset" value="reset"></center></td></tr>
</table>
</form>
<?php
if(isset($_POST['submit'])) {
if($name == "" && $email== "" && $phone == "" && $gender== "" && $address == "")
{
echo "<h3 color = #FF0001> <b>You have sucessfully registered.</b> </h3>";
echo "<h2>Your Input:</h2>";
echo "Name: " .$name1;
echo "<br>";
echo "Email: " .$email1;
echo "<br>";
echo "Phone No: " .$phone1;
echo "<br>";
echo "Address: " .$address1;
echo "<br>";
echo "Gender: " .$gender1;
} else {
echo "<h3> <b>You didn't filled up the form correctly.</b> </h3>";
}
}
?>
</body>
</html>
```

OUTPUT


Activities
Google Chrome
Dec 19 10:09
Untitled 1 - LibreOffice Writer
localhost/~stud/archana/3.php
Update
REGISTRATION FORM
NAME :
EMAIL :
GENDER : MALE FEMALE
PHONE :
ADDRESS :
submit
reset
Page 5 of 5
263 words, 2,402 characters
Default Page Style
English (USA)
100%


Activities
Google Chrome
Dec 19 10:10
Untitled 1 - LibreOffice Writer
localhost/~stud/archana/3.php
Update
REGISTRATION FORM
NAME : shakeeb
EMAIL : shekeebmohammed10@gmai
GENDER : MALE FEMALE
PHONE :
ADDRESS :
submit
reset
Page 5 of 5
263 words, 2,402 characters
Default Page Style
English (USA)
100%


Activities
Google Chrome
Dec 19 10:10
Untitled 1 - LibreOffice Writer
localhost/~stud/archana/3.php
REGISTRATION FORM
NAME : shakeeb
EMAIL : shekeebmohammed10@gmai
GENDER : MALE FEMALE
PHONE : 3214569871
ADDRESS : YUTDH
submit
reset


Activities
Google Chrome
Dec 19 10:10
Untitled 1 - LibreOffice Writer
localhost/~stud/archana/3.php
REGISTRATION FORM
NAME : shakeeb
EMAIL : shekeebmohammed10@gmai
GENDER : MALE FEMALE
PHONE : 3214569871
ADDRESS : YUTDH
submit
reset

AIM

Develop a PHP program to connect to a database and add data to the employee table and retrieve data from the table andshow the retrieved details in a neat format.

PROGRAM CODE

Program1.php

```
<html>
<head>
<title>homepage</title>
</head>
<body align="center">
<h2>Employee Registration</h2>
<form name="registation" method="POST" action="program.php">
<button>REGISTER</button>
</form>
<form name="reg" method="POST" action="demo.php">
<button>VIEW</button>
</form>
</body>
</html>
```

demo.php

```
<?php
$con = new mysqli("localhost", "fisat", "fisat", "fisatdb");
if ($con=== false) {
die("ERROR: Could not connect. " . mysqli_connect_error());
}
$sql = "SELECT * FROM emp";
if ($result = $con->query($sql))
{ if ($result->num_rows > 0) {
 ?>
<html>
<body>
<table border=5>
<tr>
<th>Employee ID</th><th>Employee Name</th><th>Employee
Department</th><th>Employee Age</th>
</tr>
<tr>
<?php while($row = $result->fetch_array()) { ?>
<td><?php echo $row[0]; ?> </td><td><?php echo $row[1];?></td><td><?php echo
$row[2];?></td><td><?php echo $row[3];?></td>
</tr>
```

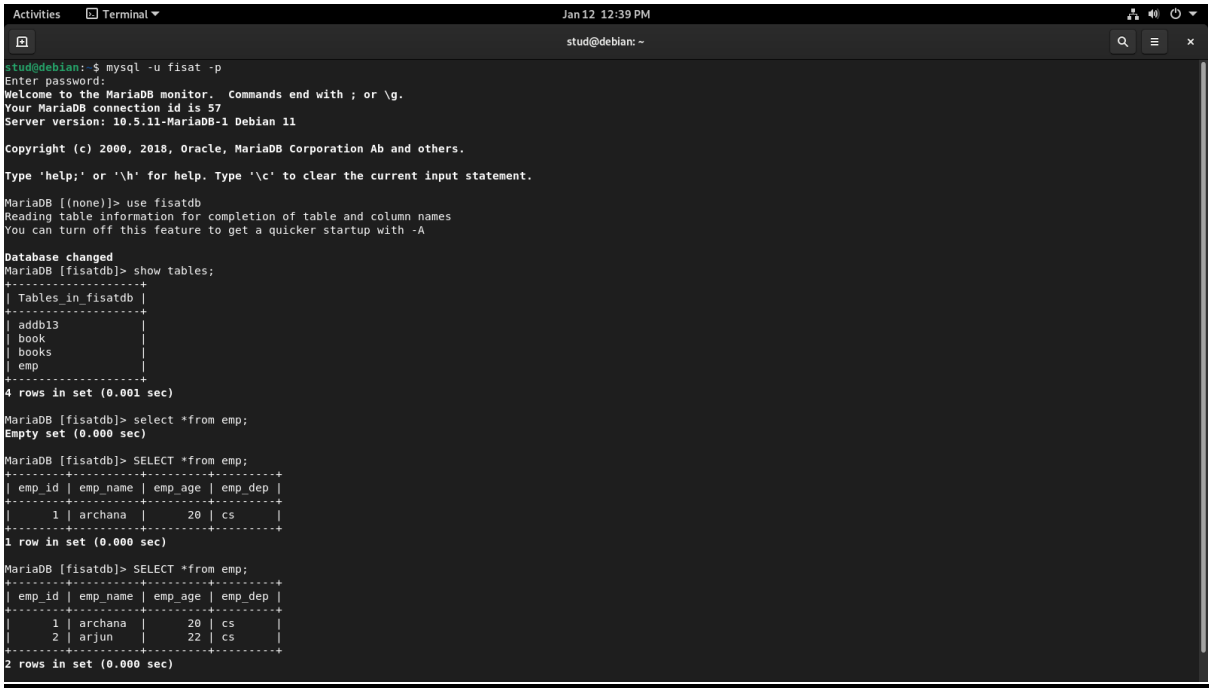
```
<?php
} ?>
</table>
<form name="reg" method="POST" action= "program1.php">
<button>HOME</button>
</form>
</html>
<?php
$result->close();
} else {
echo "No records matching your query were found.";
}
} else {
echo "ERROR: Could not execute $sql. " . $con->error;
} $con->close();
?>
```

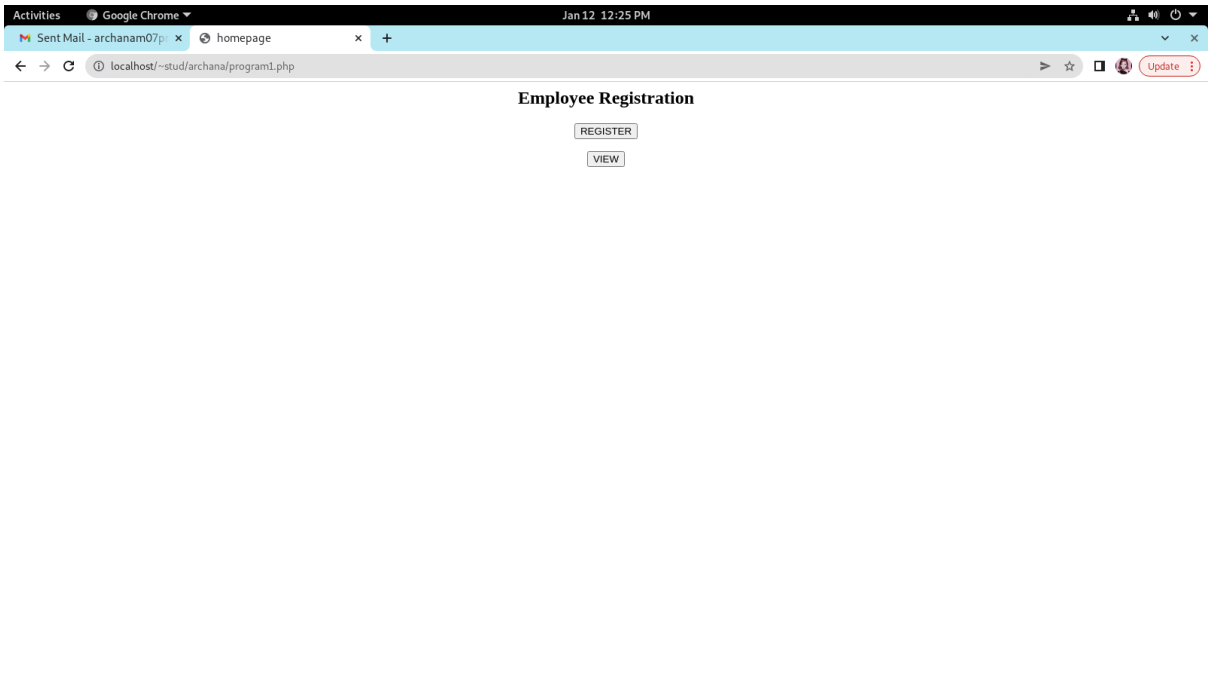
program.php

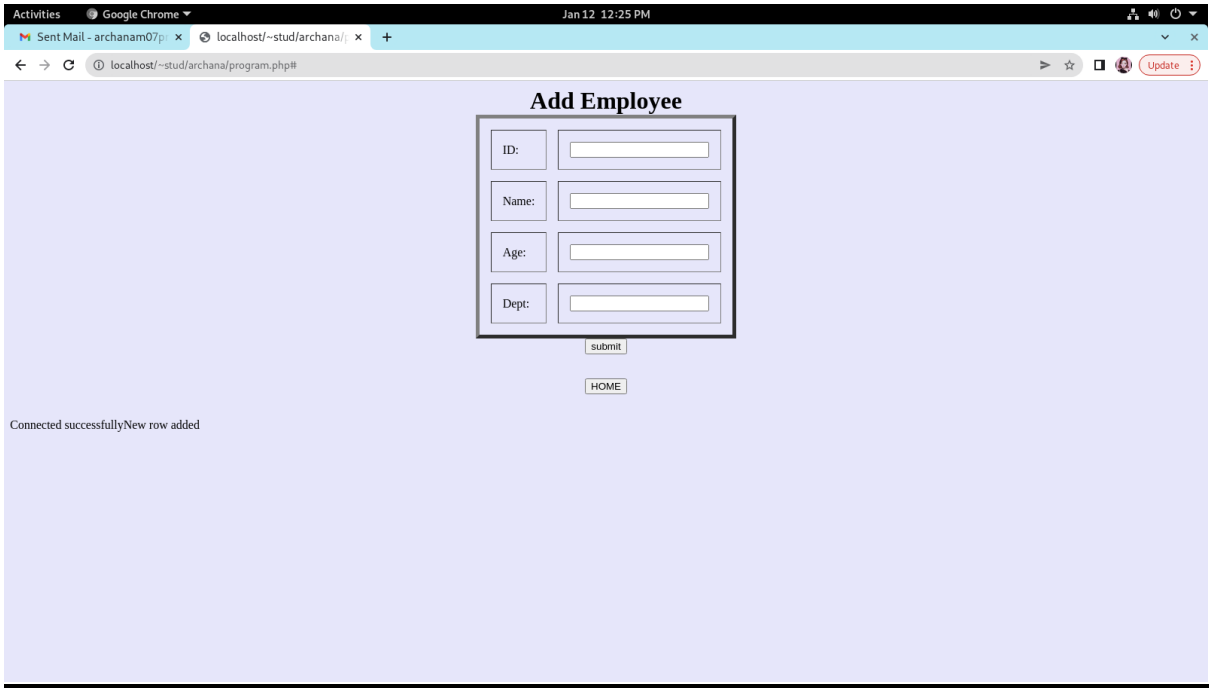
```
<html>
<head>
<title>
</title>
</head>
<body bgcolor="lavender">
<center>
<h1> Add Employee</h>
<form name="myform" action="#" method="POST">
<table border="5" cellspacing="15" cellpadding="15">
<tr>
<td>ID:</td>
<td><input type="number" name="id"></td>
</tr>
<tr>
<td>Name:</td>
<td><input type="text" name="name"></td>
</tr>
<tr>
<td>Age:</td>
<td><input type="number" name="age"></td>
</tr>
<tr>
<td>Dept:</td>
<td><input type="text" name="dep"></td>
</tr>
</table>
<input type="submit" value="submit" name="submit">
</form>
<form name="reg" method="POST" action= "program1.php">
```

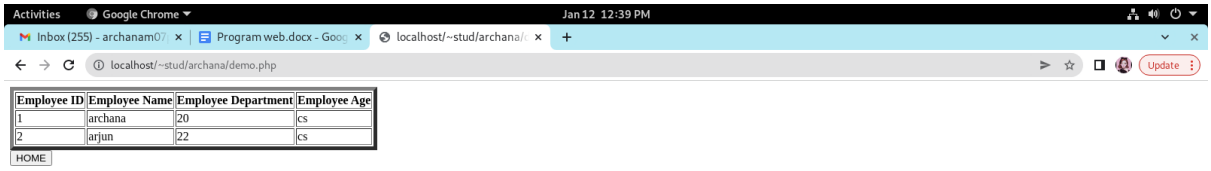
```
<button>HOME</button>
</form>
</center>
</body>
</html>
<?php error_reporting(0); ?>
<?php
$n1 = $_POST["id"];
$n2 = $_POST["name"];
$n3 = $_POST["age"];
$n4 = $_POST["dep"];
if (isset($_POST["submit"]))
{
$servername = "localhost";
$username = "fisat";
$password = "fisat";
$conn = new mysqli($servername, $username, $password,"fisatdb");

if ($conn->connect_error) {
die("Connection failed: " . $conn->connect_error);
}
echo "Connected successfully";
$sql = "INSERT INTO emp(emp_id,emp_name,emp_age,emp_dep)
VALUES('$n1','$n2','$n3','$n4')";
if ($conn->query($sql) === true) {
echo "New row added";
}
else
{
echo "ERROR: Could not execute query:";
}
$conn->close();
}
?>
```

OUTPUT


Activities
Terminal
Jan 12 12:39 PM
stud@debian: ~
stud@debian:~$ mysql -u fisat -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 57
Server version: 10.5.11-MariaDB-1 Debian 11
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> use fisatdb
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
Database changed
MariaDB [fisatdb]> show tables;
+------------------+
| Tables_in_fisatdb |
+------------------+
| addb13 |
| book |
| books |
| emp |
+------------------+
4 rows in set (0.001 sec)
MariaDB [fisatdb]> select *from emp;
Empty set (0.000 sec)
MariaDB [fisatdb]> SELECT *from emp;
+--------+----------+---------+---------+
| emp_id | emp_name | emp_age | emp_dep |
+--------+----------+---------+---------+
| 1 | archana | 20 | cs |
+--------+----------+---------+---------+
1 row in set (0.000 sec)
MariaDB [fisatdb]> SELECT *from emp;
+--------+----------+---------+---------+
| emp_id | emp_name | emp_age | emp_dep |
+--------+----------+---------+---------+
| 1 | archana | 20 | cs |
| 2 | arjun | 22 | cs |
+--------+----------+---------+---------+
2 rows in set (0.000 sec)


Activities
Google Chrome
Jan 12 12:25 PM
Sent Mail - archanam07
homepage
localhost/~stud/archana/program1.php
Update
Employee Registration
REGISTER
VIEW


Activities
Google Chrome
Jan 12 12:25 PM
Sent Mail - archanam07
localhost/~stud/archana/
localhost/~stud/archana/program.php#
Update
Add Employee
ID:
Name:
Age:
Dept:
submit
HOME
Connected successfullyNew row added


Activities
Google Chrome
Jan 12 12:39 PM
Inbox (255) - archanam07
Program web.docx - Goo
localhost/~stud/archana/
localhost/~stud/archana/demo.php
Update
Employee ID
Employee Name
Employee Department
Employee Age
1
archana
20
cs
2
arjun
22
cs
HOME

AIM

Using PHP and MySQL, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings.

PROGRAM CODE

search1.php

```
<?php
$n3=$_REQUEST['author'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
?>
<html><h1 align="center">BOOK DETAILS</h1></html>
<?php
$sql="SELECT * FROM booki where author='$n3'";
if($result=$con->query($sql))
{

if($result->num_rows>0)
{
echo"<table border=1 align='center'>";
echo " <tr> <th>Accession Number</th><th>Title</th> <th>Author</th>
<th>Edition</th>  <th>Publisher</th>";

while($row=$result->fetch_array())
{
echo"<tr>
<td>$row[0]</td>
<td>$row[1]</td>
<td>$row[2]</td>
<td>$row[3]</td>
<td>$row[4]</td>

</tr>";
}
$result->close();
}
}

else
```

```
{
echo "\nCould not found ";

}
?>
```

search.php

```
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="search1.php"method="POST">
<center>
<b><u>SEARCH BOOKS</u></b><br>
Author name:<input type="text" name="author"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

demo.php

```
<?php
$con = new mysqli("localhost", "fisat", "fisat", "fisatdb");
if ($con=== false) {
die("ERROR: Could not connect. " . mysqli_connect_error());
}
$sql = "SELECT * FROM booki";
if ($result = $con->query($sql))
{ if ($result->num_rows > 0) {
 ?>
<html>
<body>
<table border=5>
<tr>
<th>access number</th><th>title</th><th>author</th><th>edition</th><th>publisher</th>
</tr>
<tr>
<?php while($row = $result->fetch_array()) { ?>
<td><?php echo $row[0]; ?> </td><td><?php echo $row[1];?></td><td><?php echo
$row[2];?></td><td><?php echo $row[3];?></td><td><?php echo $row[4]; ?> </td>
</tr>
<?php
} ?>
</table>
<form name=reg method=POST action= "program1.php">
```

```
<button>HOME</button>
</form>
</html>
<?php
$result->close();
} else {
echo "No records matching your query were found.";
}
} else {
echo "ERROR: Could not execute $sql. " . $con->error;
} $con->close();
?>
```

program1.php

```
<html>
<head>
<title>homepage</title>
</head>
<body align="center">
<h2>BOOKS</h2>
<form name=registation method="POST" action="program.php">
<button>REGISTER</button>
</form>
<form name=reg method="POST" action="demo.php">
<button>VIEW</button>
</form>
<form name=search method="POST" action="search1.html">
<button>SEARCH</button>
</form>
</body>
</html>
```

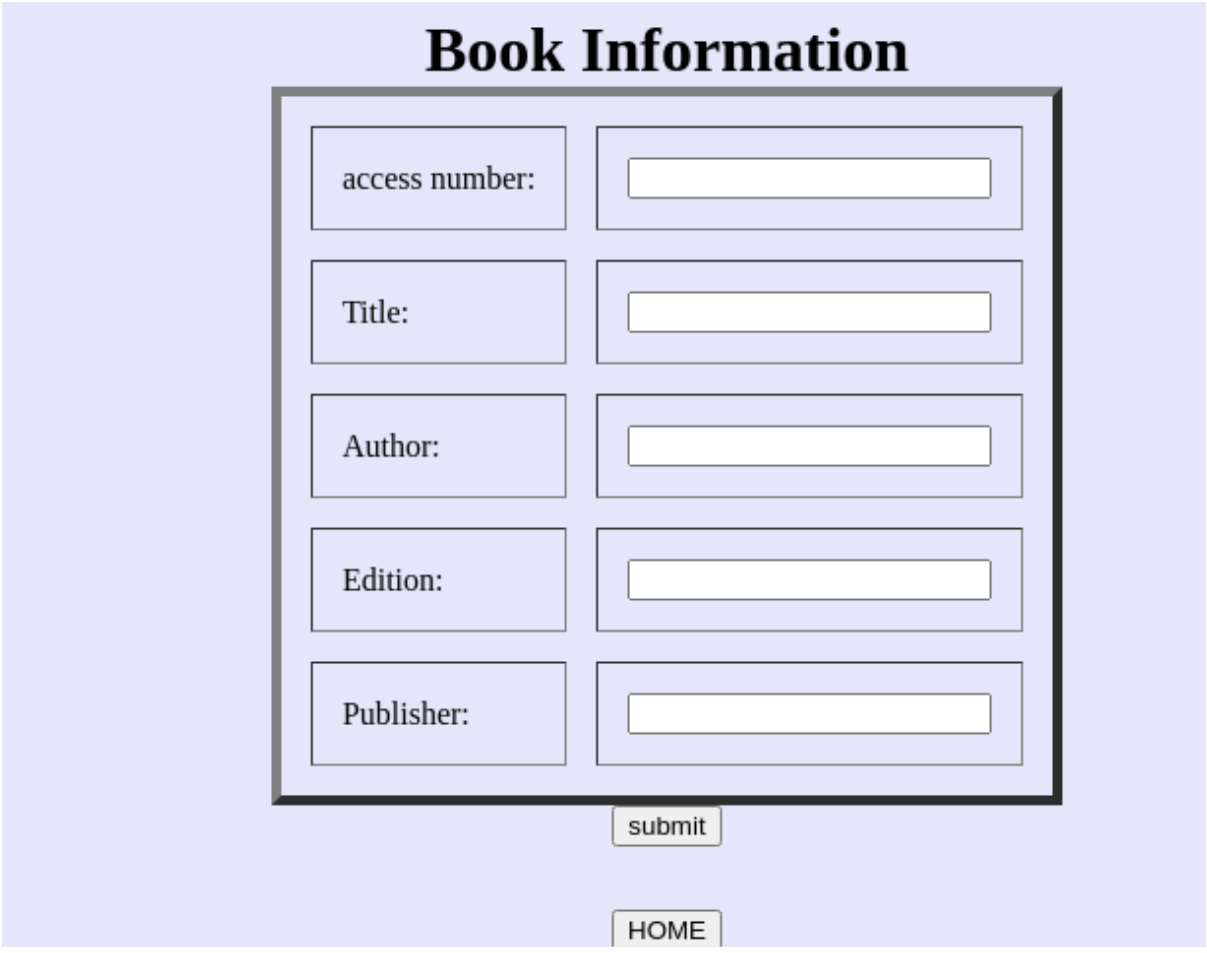
program.php

```
<html>
<head>
<title>
</title>
</head>
<body bgcolor="lavender">
<center>
<h1> Book Information</h>
<form name="myform" action="#" method="POST">
<table border="5" cellspacing="15" cellpadding="15">
<tr>
<td>access number:</td>
<td><input type="number" name="acc_no"></td>
</tr>
```

```
<tr>
<td>Title:</td>
<td><input type="text" name="title"></td>
</tr>
<tr>
<td>Author:</td>
<td><input type="text" name="author"></td>
</tr>
<tr>
<td>Edition:</td>
<td><input type="text" name="edition"></td>
</tr>
<tr>
<td>Publisher:</td>
<td><input type="text" name="publisher"></td>
</tr>
</table>
<input type="submit" value="submit" name="submit">
</form>
<form name=reg method=POST action= "program1.php">
<button>HOME</button>
</form>
</center>
</body>
</html>
<?php error_reporting(0); ?>
<?php
$n1 = $_POST["acc_no"];
$n2 = $_POST["title"];
$n3 = $_POST["author"];
$n4 = $_POST["edition"];
$n5 = $_POST["publisher"];
if (isset($_POST["submit"]))
{
$servername = "localhost";
$username = "fisat";
$password = "fisat";

$conn = new mysqli($servername, $username, $password,"fisatdb");
if ($conn->connect_error) {
  die("Connection failed: " . $conn->connect_error);
}
echo "Connected successfully";
$sql = "INSERT INTO booki(acc_no,title,author,edition,publisher )
VALUES($n1,'$n2','$n3','$n4','$n5')";
if ($conn->query($sql) === true) {
echo 'New row added.';
} else {
echo "ERROR: Could not execute query:";
}
```

```
$conn->close();
}
?>
```

OUTPUT



access number	title	author	edition	publisher
2222	twisted	ana hunage	usa	usa publisher
3333	twisted games	ana huang	usa 4	USA publisher
4444	Hunting Adeline	H.D Carlton	usa 2	Barnes & Noble Press
5555	Does It Hurt	H.D Carlton	usa 1	Barnes & Noble Press
6666	Hunting Adeline	H.D Carlton	usa 2	Barnes & Noble Press

HOME

SEARCH BOOKS

Author name: H.D Carlton

Submit

BOOK DETAILS

Accession Number	Title	Author	Edition	Publisher
4444	Hunting Adeline	H.D Carlton	usa 2	Barnes & Noble Press
5555	Does It Hurt	H.D Carlton	usa 1	Barnes & Noble Press
6666	Hunting Adeline	H.D Carlton	usa 2	Barnes & Noble Press

AIM

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

PROGRAM CODE

airlineinfo.html

```
<html>
<head>
<title>airline</title>
<style>
body{
background-color:Lavender;
text-align:center;
}
</style>
</head>
<body><u>AIRLINE INFORMATION SYSTEM</u><br><br>
<a href="add_airlineinfo.html">Add AIRLINE DETAILS</a><br><br>
<a href="search1.html">Search AIRLINE DETAILS</a><br>
</body>
</html>
```

add_airlineinfo.html

```
<html>
<head>
<style>
td{
	padding:15px;
}
body{
background-color:Lavender;
text-align:center;
}
</style>
</head>
<form name="frm2" method="post" action="addair.php">
<h1>Enter Airline Details</h1>
<table border="1" align="center">
<tr>
```

```
<td>AIRLINE ID:</td>
<td><input type="number" name="id"></td>
</tr>
<tr>
<td>AIRLINE NAME:</td>
<td><input type="text" name="name"></td>
</tr>
<tr>
<td>DEPARTURE FROM:</td>
<td> <input type="text" name="depfrom"></td>
</tr>
<tr>
<td>DEPARTURE TIME:</td>
<td><input type="number" name="deptime"></td>
</tr>
<tr>
<td>AIRRIVAL TIME:</td>
<td><input type="number" name="aritime"></td>
</tr>
<tr>
<td>AIRRIVAL PLACE:</td>
<td><input type="text" name="ariplace"></td>
</tr>
<tr>
<td> <input type="submit" name="submit" value="submit"></td>
<td><input type="reset" name="reset" value="reset"></td></tr>
</table>
</form>
</body>
</html>
```

addair.php

```
<?php
$id=$_POST['id'];
$name=$_POST['name'];
$depfrom=$_POST['depfrom'];
$deptime=$_POST['deptime'];
$airtime=$_POST['aritime'];
$airplace=$_POST['ariplace'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
```

```
}
else
{
echo "connected";
}
$sql="INSERT INTO airline
VALUES($id,'$name','$depfrom',$deptime,$airtime,'$airplace')";
if($con->query($sql))
{
echo "<BR>";
echo 'New row added';
}
else
{
echo "ERROR:could not execute query";
}
$con->close();
?>
```

search1.hml

```
<html>
<head>
<title>search</title>
<style>
td
{
        padding:15px;
}
body
{
background-color:Lavender;
text-align:center;
}
</style>
</head>
<body>
<form name="frm2" action="searchl1.php"method="POST">
<center>
<table>
<b><u>SEARCH AIRLINE</u></b><br>
<tr>
<td>DEPARTURE FROM:</td><td><input type="text" name="txt"></td>
</tr>
<tr>
```

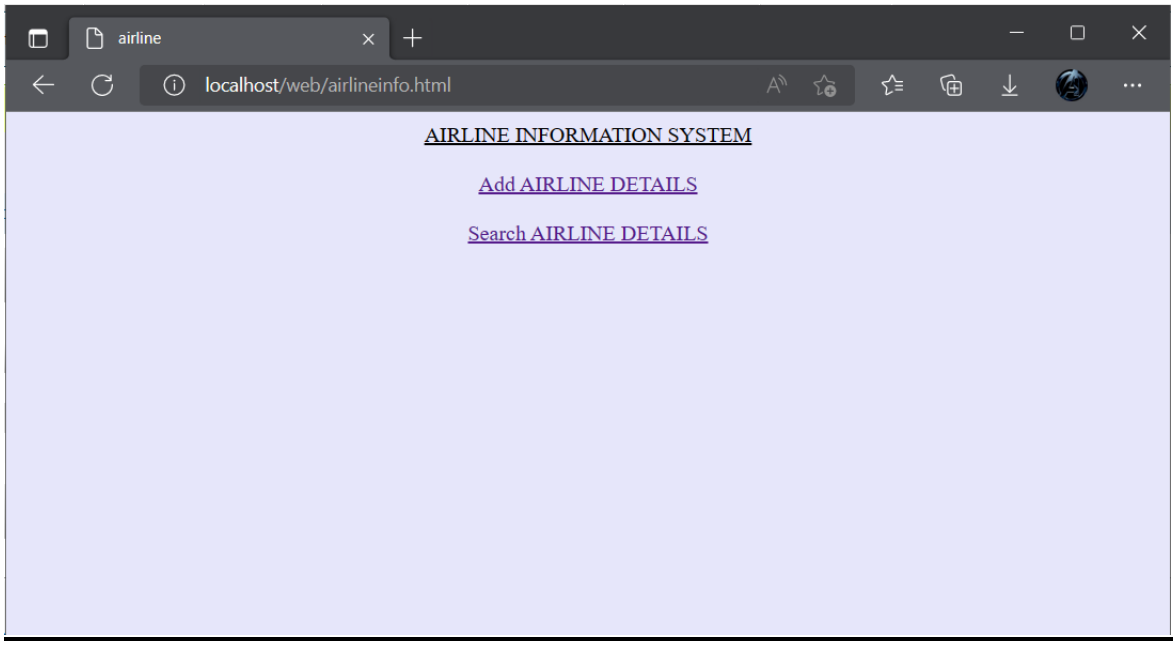
```
<td>ARIVAL PLACE:</td>
<td><input type="text" name="txt1"><br></td>
</tr>
<tr>
<td colspan="2"><center><input type="submit" name="Submit"></center></td>
</tr>
<table>
</form>
</body>
</html>
```

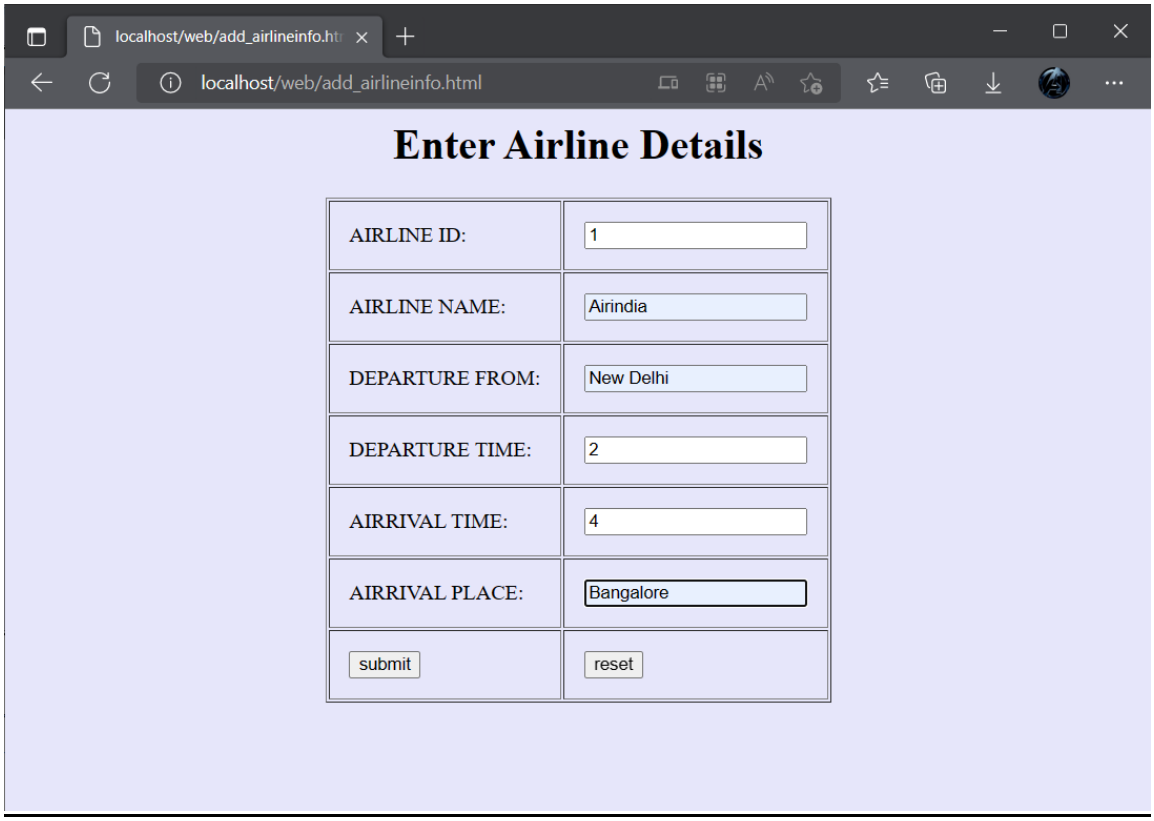
searchl1.php

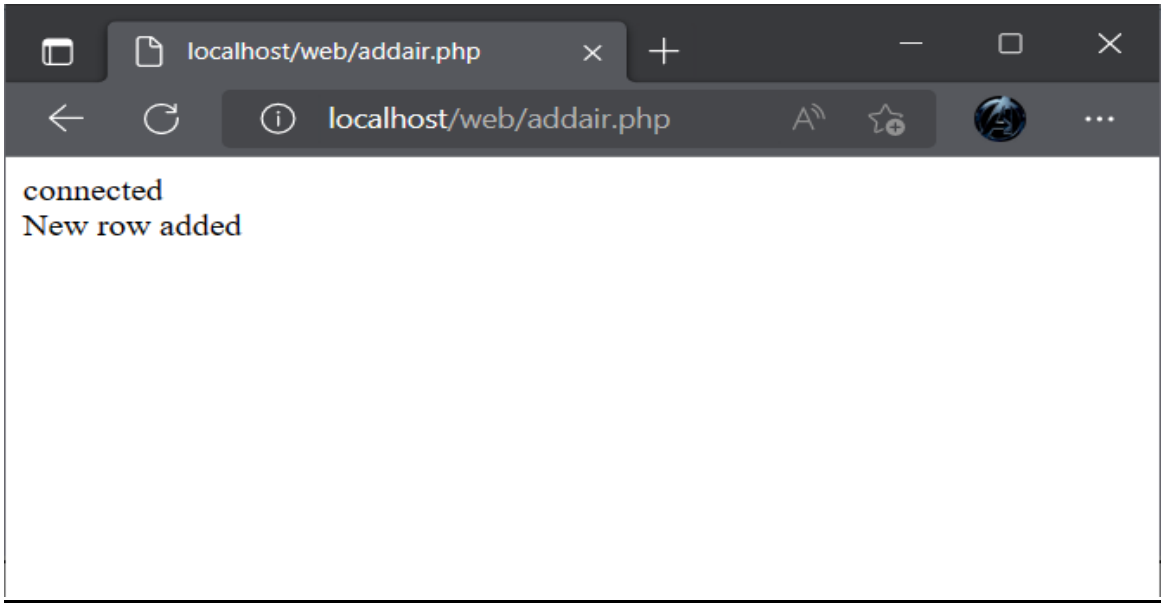
```
<?php
$depfrom=$_POST['txt'];
$ariplace=$_POST['txt1'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
  echo "Failed to connect";
}
else
{
  echo "connected\n";
}
$sql="select * from airline where dept_from='$depfrom' and air_place='$ariplace' ";
if($result=$con->query($sql))
{
 if($result->num_rows>0)
{
?>
<h1> <center>Airline Details</center></h1>
<table align="center" border="1">
<tr>
<th>No.</th>
<th>Airline Name</th>
<th>Departure From</th>
<th>Departure Time</th>
<th>Arrival From</th>
<th>Arrival Time</th>
</tr>
<?php
while($row = $result->fetch_array())
{
```

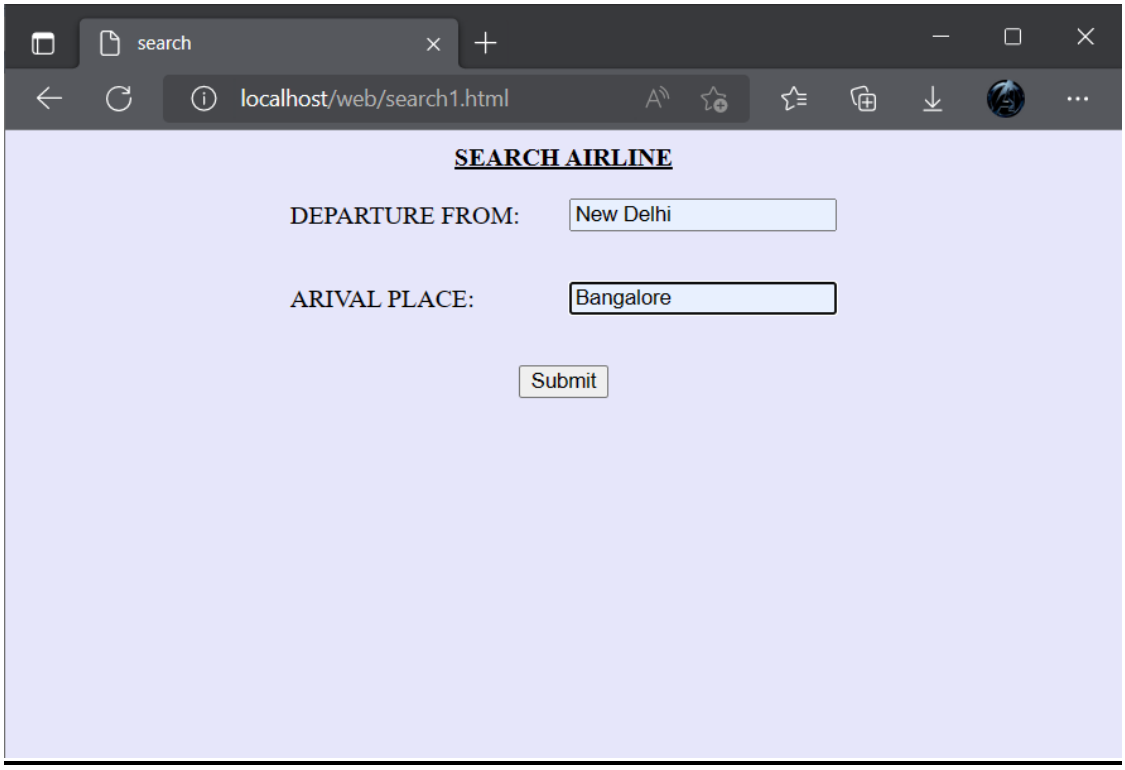
```
?>
<tr>
<td><?php echo $row[0];?></td>
<td><?php echo $row[1]; ?></td>
<td><?php echo $row[2]; ?></td>
<td><?php echo $row[3];?></td>
<td><?php echo $row[5];?></td>
<td><?php echo $row[4]; ?></td>
 </tr>
 <?php
}
 ?>
</table>
 <?php
$result->close();
}
else
{
  echo "\nCould not found the airline";
 }
 }
else
{
 echo "\nError:could not connect";
}
$con->close();
?>
```

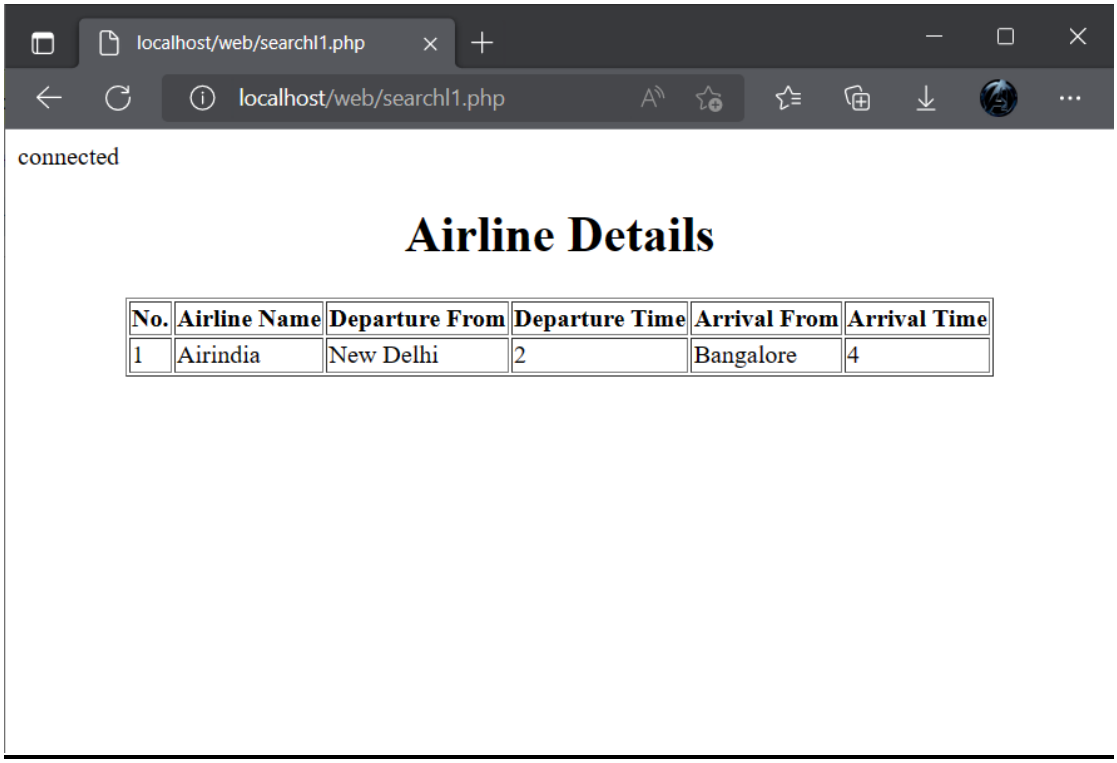
OUTPUT


airline
localhost/web/airlineinfo.html
AIRLINE INFORMATION SYSTEM
Add AIRLINE DETAILS
Search AIRLINE DETAILS


localhost/web/add_airlineinfo.ht
localhost/web/add_airlineinfo.html
Enter Airline Details
AIRLINE ID:
1
AIRLINE NAME:
Airindia
DEPARTURE FROM:
New Delhi
DEPARTURE TIME:
2
AIRRIVAL TIME:
4
AIRRIVAL PLACE:
Bangalore
submit
reset


localhost/web/addair.php
localhost/web/addair.php
connected
New row added


search
localhost/web/search1.html
SEARCH AIRLINE
DEPARTURE FROM:
New Delhi
ARIVAL PLACE:
Bangalore
Submit




```
MariaDB [fisatdb]> select * from airline;
+----+----------+-----------+-----------+----------+-----------+
| id | name     | dept_from | dept_time | air_time | air_place |
+----+----------+-----------+-----------+----------+-----------+
|  1 | Airindia | New Delhi |         2 |        4 | Bangalore |
|  2 | IndiGo   | Goa       |         4 |        5 | Mumbai    |
|  3 | AirIndia | Pune      |         7 |        9 | New Delhi |
+----+----------+-----------+-----------+----------+-----------+
3 rows in set (0.000 sec)

MariaDB [fisatdb]>
```