PROGRAM - 1

AIM

Print your name to the screen with every letter being a different heading size

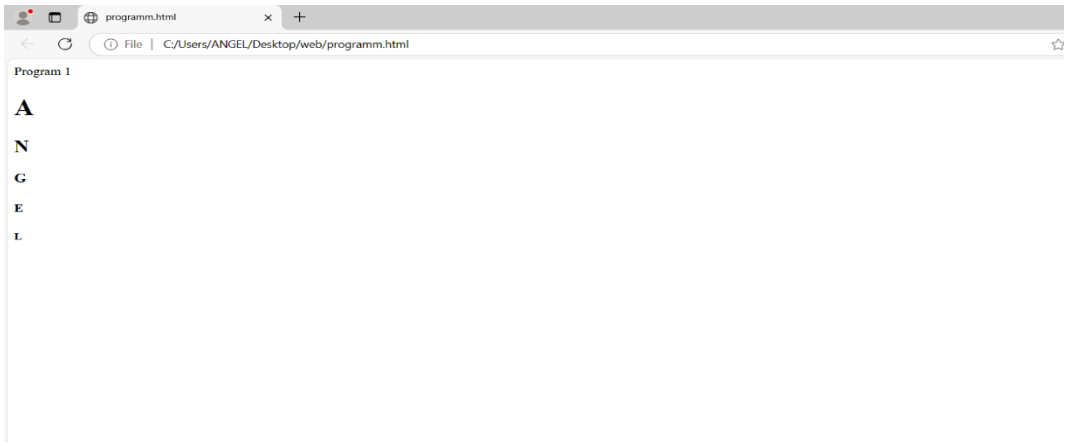
SOURCE CODE

```
<html>
<head>Program 1</head>
<body>
 <h1>A</h1><h2>N</h2><h3>G</h3><h4>E</h4><h5>L</h5>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 2

AIM

Display the following text:

H2O

12th April 2016

HTML stands for High Text Markup Language

He said <I am fine>

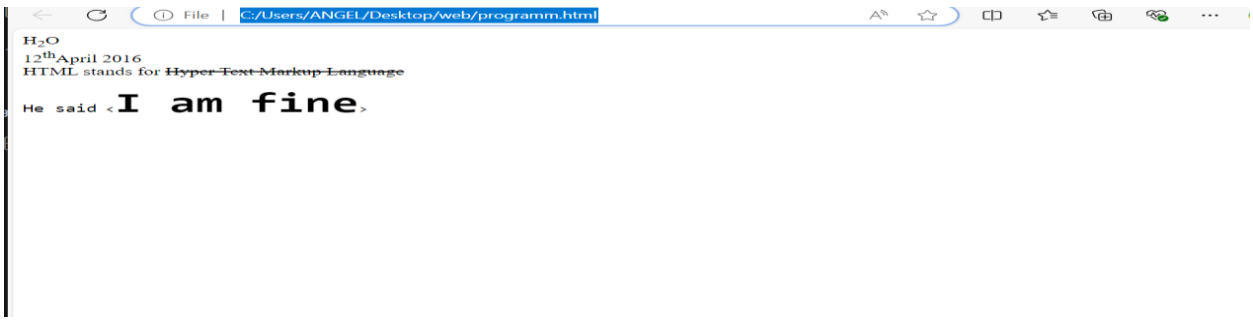
SOURCE CODE

```
<html>
<body>
 H<sub>2</sub>O
 <br>
 12<sup>th</sup>April 2016
 <br>
 HTML stands for <strike>Hyper Text Markup Language</strike>
 <br>
 <pre><big>He said</big> <<font size=7><b>I am fine</b></font>></pre>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 3

AIM

Print a paragraph with 4 - 5 sentences. Each sentence should be a different font.

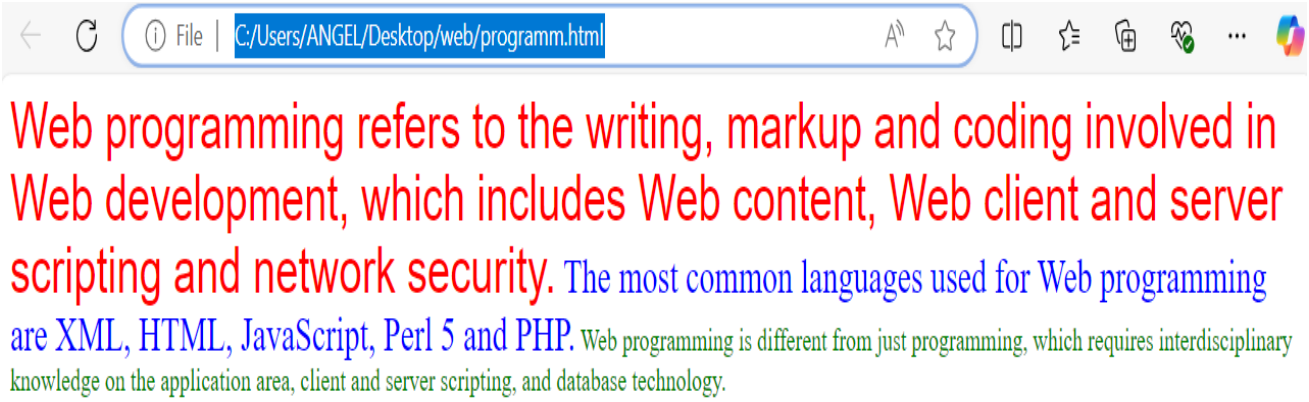
SOURCE CODE

```
<html>
<body>
<p><font size="6" face="Arial" color="red">Web programming refers to the writing,markup and coding involved in Web development, which includes Web content, Web client and server scripting and network security.</font><font size="5" color="blue" face="Times New Roman"> The most common languages used for Web programming are XML, HTML, JavaScript, Perl 5 and PHP.</font><font size="3" color="green" face="Aachen Bold"> Web programming is different from just programming, which requires interdisciplinary knowledge on the application area, client and server scripting, and database technology.</font></p>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 4

AIM

Print a paragraph that is a description of a book, include the title of the book as well as its author. Names and titles should be underlined, adjectives should be italicized and bolded.

SOURCE CODE

```
<html>
<body>
<center><u>
<h2>The wings of fire</h2>
<font size="3">Author : Dr. A.P.J Abdul Kalam, Arun Tiwari</font></u>
</center>
<p><i><b>Wings of Fire (1999), is the autobiography of the Missile Man of India and President of India, Dr. A. P. J. Abdul Kalam. It was written by him and Arun Tiwari.In the autobiography, Kalam examines his early life, effort, hardship, fortitude, luck and chance that eventually led him to lead Indian space research, nuclear and missile programs. Kalam started his career, after graduating from Aerospace engineering at Madras Institute of Technology, at Hindustan Aeronautics Limited and was assigned to build a hovercraft prototype. Later he moved to ISRO and helped establish the Vikram Sarabhai Space Centre and pioneered the first space launch-vehicle program. During the 1990s and early 2000, Kalam moved to the DRDO to lead the Indian nuclear weapons program, with particular successes in thermonuclear weapons development culminating in the operation Smiling Buddha and an ICBM Agni.</i></b></p>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT

The wings of fire

Author : Dr. A.P.J Abdul Kalam, Arun Tiwari

Wings of Fire (1999), is the autobiography of the Missile Man of India and President of India, Dr. A. P. J. Abdul Kalam. It was written by him and Arun Tiwari.In the autobiography, Kalam examines his early life, effort, hardship, fortitude, luck and chance that eventually led him to lead Indian space research, nuclear and missile programs. Kalam started his career, after graduating from Aerospace engineering at Madras Institute of Technology, at Hindustan Aeronautics Limited and was assigned to build a hovercraft prototype. Later he moved to ISRO and helped establish the Vikram Sarabhai Space Centre and pioneered the first space launch-vehicle program. During the 1990s and early 2000, Kalam moved to the DRDO to lead the Indian nuclear weapons program, with particular successes in thermonuclear weapons development culminating in the operation Smiling Buddha and an ICBM Agni.

PROGRAM – 5

AIM

Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.

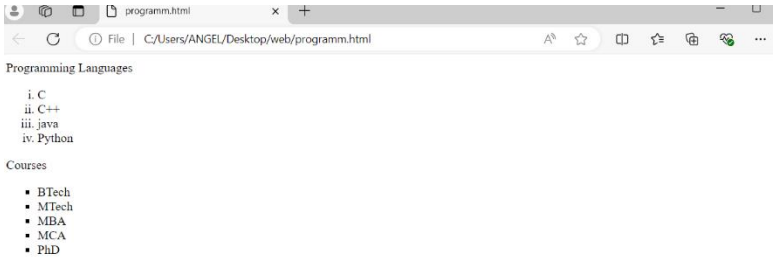
SOURCE CODE

```
<html>
<body>
<p>Programming Languages</p>
<ol type="i">
<li>C
<li>C++
<li>java
<li>Python
</ol>
<p>Courses</p>
<ul type="square">
<li>BTech
<li>MTech
<li>MBA
<li>MCA
<li>PhD
</ul>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT


programm.html
File | C:/Users/ANGEL/Desktop/web/programm.html
Programming Languages
i. C
ii. C++
iii. java
iv. Python
Courses
BTech
MTech
MBA
MCA
PhD

PROGRAM – 6

AIM

Prints 10 names with a line break between each name. The list should be alphabetized, and to do this place a subscripted number next to each name based on where it will go in the alphabetized list. (Example: Alan1). Print first, the unalphabetized list with a subscript number next to each name, then the alphabetized list. Both lists should have an <h1> level heading.

SOURCE CODE

```
<html>
<body>
<h1>Unalphabetized list</h1>
Alan<sub>3</sub><br>
Angela<sub>5</sub><br>
Anjala<sub>6</sub><br>
Sandra<sub>7</sub><br>
Vicky<sub>9</sub><br>
Tom<sub>8</sub><br>
Wilfred<sub>10</sub><br>
James<sub>4</sub><br>
Adam<sub>1</sub><br>
Anna<sub>2</sub>
<h1>Alphabetized list</h1>
Adam<br>
Anna<br>
Alan<br>
James<br>
Angela<br>
Anjala<br>
Sandra<br>
Tom<br>
```

Vicky

Wilfred

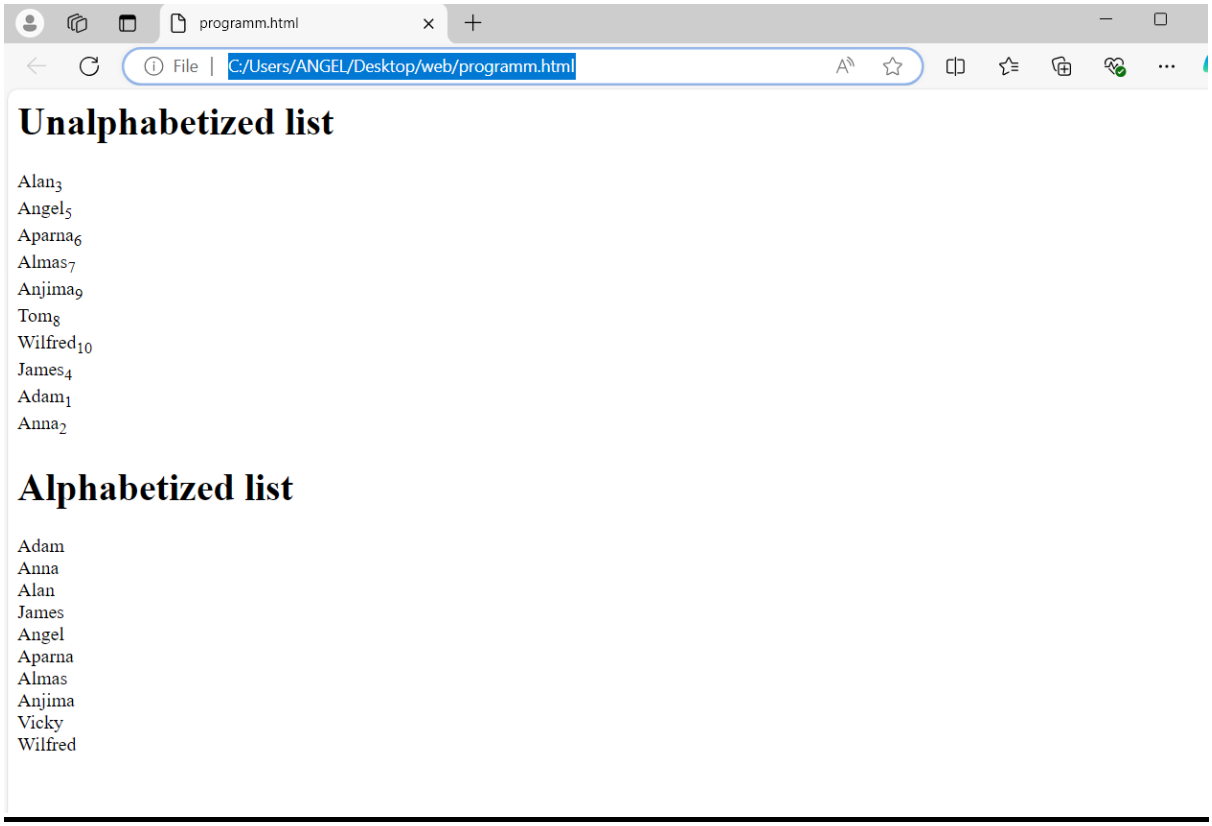
</body>

</html>

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 7

AIM

Print the squares of the numbers 1 - 20. Each number should be on a separate line, next to it the number 2 superscripted, an equal sign and the result.

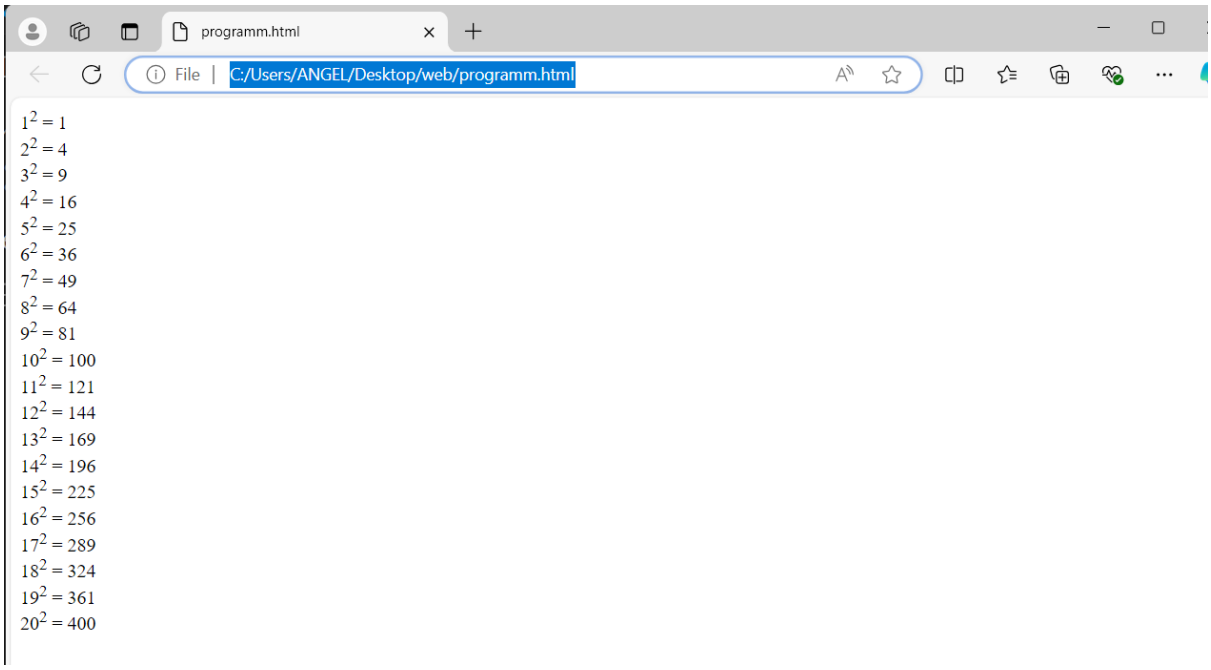
SOURCE CODE

```
<html>
<body>
1<sup>2</sup> = 1<br>
2<sup>2</sup> = 4<br>
3<sup>2</sup> = 9<br>
4<sup>2</sup> = 16<br>
5<sup>2</sup> = 25<br>
6<sup>2</sup> = 36<br>
7<sup>2</sup> = 49<br>
8<sup>2</sup> = 64<br>
9<sup>2</sup> = 81<br>
10<sup>2</sup> = 100<br>
11<sup>2</sup> = 121<br>
12<sup>2</sup> = 144<br>
13<sup>2</sup> = 169<br>
14<sup>2</sup> = 196<br>
15<sup>2</sup> = 225<br>
16<sup>2</sup> = 256<br>
17<sup>2</sup> = 289<br>
18<sup>2</sup> = 324<br>
19<sup>2</sup> = 361<br>
20<sup>2</sup> = 400
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT


programm.html
File | C:/Users/ANGEL/Desktop/web/programm.html
1^2 = 1
2^2 = 4
3^2 = 9
4^2 = 16
5^2 = 25
6^2 = 36
7^2 = 49
8^2 = 64
9^2 = 81
10^2 = 100
11^2 = 121
12^2 = 144
13^2 = 169
14^2 = 196
15^2 = 225
16^2 = 256
17^2 = 289
18^2 = 324
19^2 = 361
20^2 = 400

PROGRAM – 8

AIM

Print a definition list with 5 items.

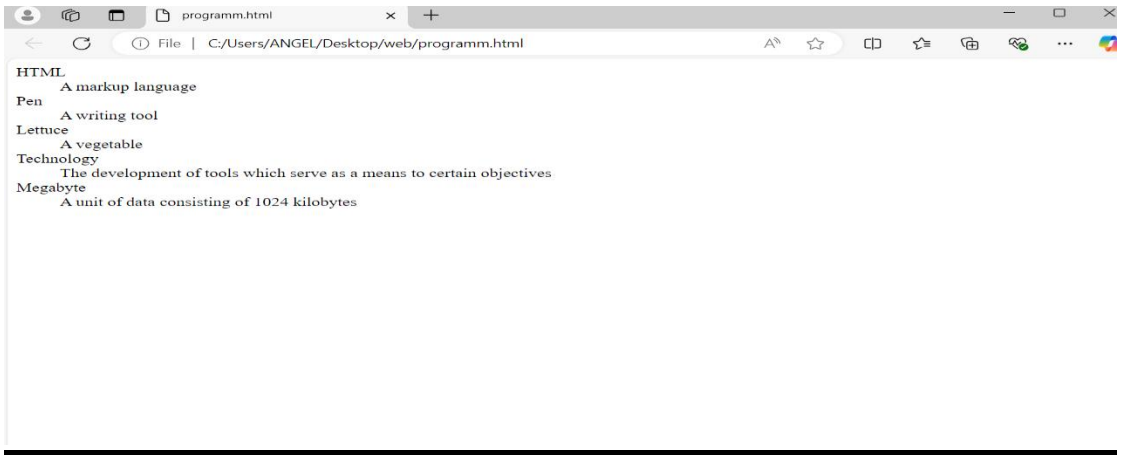
SOURCE CODE

```
<html>
<body>
<dl>
 <dt>HTML</dt>
 <dd>A markup language</dd>
 <dt>Pen</dt>
 <dd>A writing tool</dd>
 <dt>Lettuce</dt>
 <dd>A vegetable</dd>
 <dt>Technology</dt>
 <dd>The development of tools which serve as a means tocertain objectives</dd>
 <dt>Megabyte</dt>
 <dd>A unit of data consisting of 1024 kilobytes</dd></dl>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 9

AIM

Display an image that has a border of size 2, a width of 200, and a height of 200.

SOURCE CODE

```
<html>
<body>
<img src="img.jpeg" border="2" height="200"
width="200"/>
</body>
 </html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT

PROGRAM – 10

AIM

Print ten acronyms and abbreviations of your choosing, each separated by two lines. Specify the data that the abbreviations and acronyms represent.

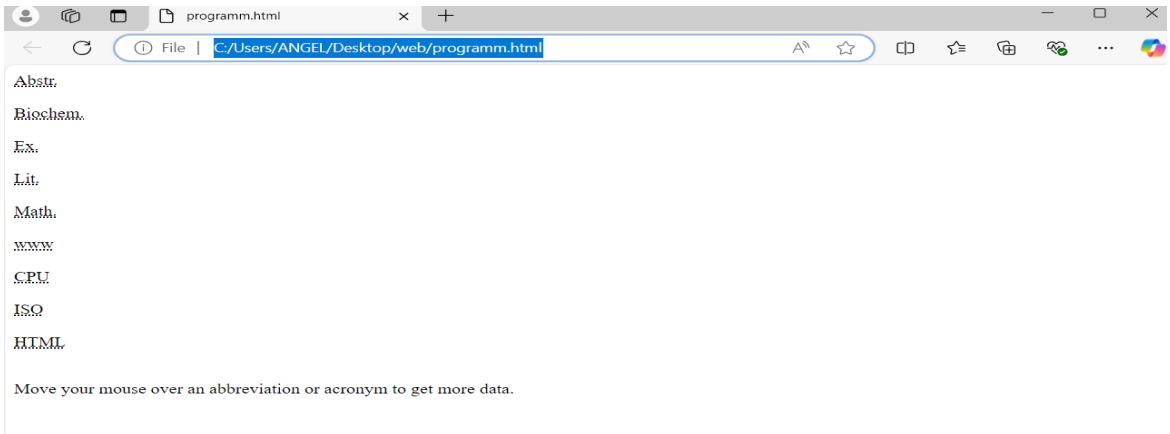
SOURCE CODE

```
<html>
<body>
<abbr title="Abstract">Abstr.</abbr><br /><br />
<abbr title="Biochemistry">Biochem.</abbr><br /><br />
<abbr title="Example">Ex.</abbr><br /><br />
<abbr title="Literature">Lit.</abbr><br /><br />
<abbr title="Mathematics">Math.</abbr><br /><br />
<acronym title="World Wide Web ">www</acronym><br /><br />
<acronym title="Central Processing Unit">CPU</acronym><br /><br />
<acronym title="International Standards Organization">ISO</acronym><br /><br />
<acronym title="Hyper Text Markup Language">HTML</acronym><br /><br />
<p>Move your mouse over an abbreviation or acronym to get more data.</p>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 11

AIM

Print two addresses in the same format used on the front of envelopes (sender's address in top left corner, receiver's address in the center)

SOURCE CODE

```
<html>
<body>
<address>
Angel Biju<br>
Puryidath(H)<br>
Poonjar <br>
Njerippalam <br>
Pin code: 685519
</address>
<br><br>
<center>
<address>
Anna Jose<br>
Joann Jude (H)<br>
Poonjar,Kottayam<br>
Pin code: 686582
</address>
</center>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

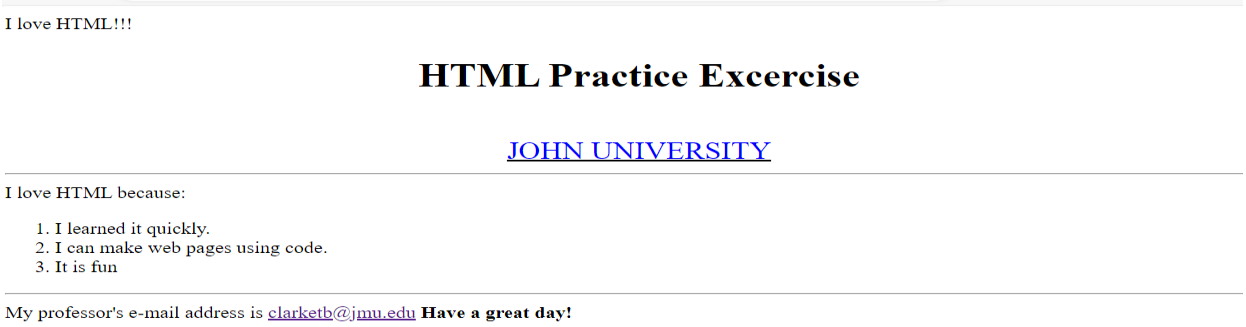
OUTPUT


program.html
File
C:/Users/ANGEL/program.html
Google Lens
Ann Mariya
Puryidath(H)
Poonjar
Kozhikkode
Pin code: 685519
Anna Jose
Joann Jude (H)
Poonjar,Kottayam
Pin code: 686582

PROGRAM – 12

AIM

Create an HTML page with the following contents:


I love HTML!!!

HTML Practice Excercise

JOHN UNIVERSITY

I love HTML because:

1. I learned it quickly.
2. I can make web pages using code.
3. It is fun

My professor's e-mail address is clarketb@jmu.edu **Have a great day!**

SOURCE CODE

```
<html>
<head>I love HTML!!!</head>
<body>
<center><h1>HTML Practice Excercise</h1><br>
<u><font size ="5" color="blue">JOHNS University</font></u></center>
<hr>
I love HTML because:<br>
<ol type="1">
 <li>I learned it quickly.
 <li>I can make web pages using code.
 <li>It is fun
</ol>
<hr>
My professor's e-mail address is <a href="">clarketb@jmu.edu</a>
<b>Have a great day!</b>
```

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

RESULT

The program has been executed successfully and output is obtained.

OUTPUT

I love HTML!!!

HTML Practice Excercise

JOHN UNIVERSITY

I love HTML because:

1. I learned it quickly.
2. I can make web pages using code.
3. It is fun

My professor's e-mail address is clarketb@jmu.edu **Have a great day!**

PROGRAM – 13

AIM

Create the following table.

Time Table					
Hours	Mon	Tue	Wed	Thu	Fri
	Science	Maths	Science	Maths	Arts
	Social	History	English	Social	Sports
	Lunch				
	Science	Maths	Science	Maths	Project

SOURCE

```
<html>
<body>
<table align="center" border="1">
<tr><th colspan="6">Time Table</th></tr>
<tr><th rowspan="7">Hours</th></tr>
<tr>
 <td align="center">Mon</td>
 <td align="center">Tue</td>
 <td align="center">Wed</td>
 <td align="center">Thu</td>
 <td align="center">Fri</td>
</tr>
<tr>
 <td>Science</td>
 <td>Maths</td>
 <td>Science</td>
 <td>Maths</td>
 <td>Arts</td>
</tr>
<tr>
 <td>Social</td>
 <td>History</td>
```

```
 <td>English</td>
 <td>Social</td>
 <td>Sports</td>
</tr>
<tr><th colspan="5">Lunch</th></tr>
<tr>
 <td>Science</td>
 <td>Maths</td>
 <td>Science</td>
 <td>Maths</td>
 <td rowspan="2">Project</td>
</tr><tr>
 <td>Social</td>
 <td>History</td>
 <td>English</td>
 <td>Social</td>
</tr>
</table>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT

Time Table					
Hours	Mon	Tue	Wed	Thu	Fri
	Science	Maths	Science	Maths	Arts
	Social	History	English	Social	Sports
	Lunch				
	Science	Maths	Science	Maths	Project

PROGRAM – 14

AIM

Create a HTML Page which looks like the one given below.

SOURCE CODE

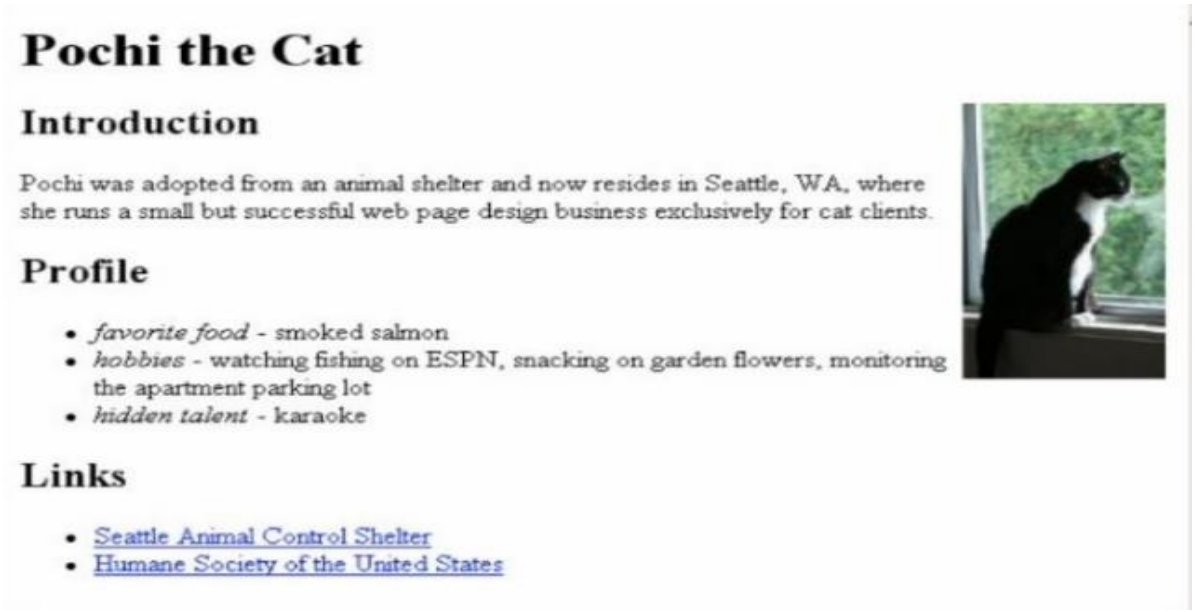
```
<html>
<body>
<img src="E:\ponny\paper\kitty.jpg" align="right" height="200" width="300"\>
<h1>Pochi the cat</h1><br>
<font size ="5"><b>Introduction</b></font><br>
Pochi was adopted from animal shelter and now resides in Seattle, WA , where she runs a small but sucessful web page design business exclusively for cat clients.<br>
<font size ="5"><b>Profile</b></font>
<ul type="circle">
 <li><i>favorite food - </i>smoked salmon.
 <li><i>hobbies - </i>watching fishing on ESPN, snacking on garden flowers, monitoring the apartment parking lot
 <li><i>hidden talent -</i>karaoke
</ul>
<font size ="5"><b>Links</b></font>
```

```
<ul type="circle">
<li><a href="">Seattle Animal Control Shelter</a>
<li><a href="">Humane Society of the nited States</a>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 15

AIM

Create links to three different pages on three different websites that should all open in a new window.

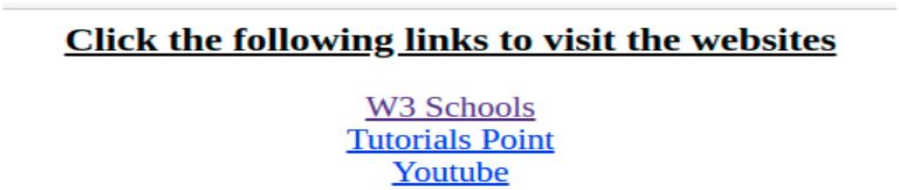
SOURCE CODE

```
<html>
<body><style type="text/css">
body{
font-family: times new roman;
font-size: 20px;
text-align: center;
}</style>
<h3><u>Click the following links to visit the websites</u></h3>
<a href="https://www.w3schools.com" target="_blank">W3 Schools</a><br>
<a href="https://www.tutorialspoint.com/" target="_blank">Tutorials Point</a><br>
<a href="https://www.youtube.com/" target="_blank">Youtube</a><br>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 16

AIM

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

SOURCE CODE

c2.html

```
<html>
 <head>
 <title>Floating Frame</title>
 </head>
 <body bgcolor="yellow">
 <center>
 <h1>Floating Frame !!!!!</h1>
 <iframe src="13.html" height="50%" width="50%"></iframe>
 </center>
 </body>
</html>
```

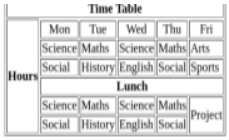
C2.2.html

```
<html>
<frameset rows="100%" cols="50%,50%">
<frame src="13.html" />
<frame src="c2.html" />
</frameset>
</html>
```

RESULT

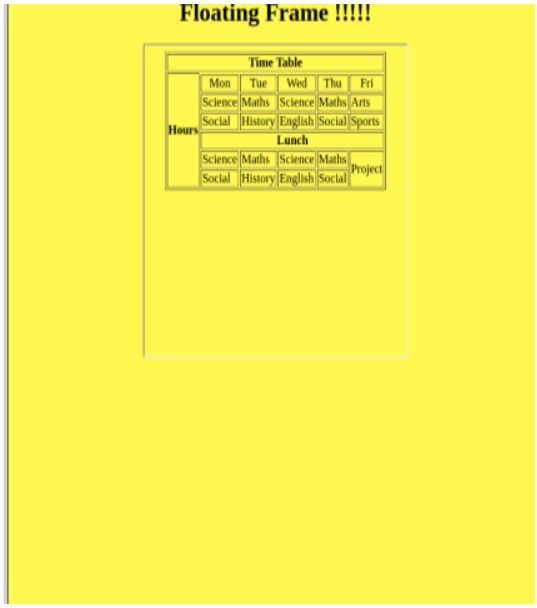
The program has been executed successfully and output is obtained.

OUTPUT



Time Table

Hours	Mon	Tue	Wed	Thu	Fri
	Science	Maths	Science	Maths	Arts
	Social	History	English	Social	Sports
	Lunch				
	Science	Maths	Science	Maths	Project
	Social	History	English	Social	



Floating Frame !!!!!

Time Table

Hours	Mon	Tue	Wed	Thu	Fri
	Science	Maths	Science	Maths	Arts
	Social	History	English	Social	Sports
	Lunch				
	Science	Maths	Science	Maths	Project
	Social	History	English	Social	

PROGRAM – 17

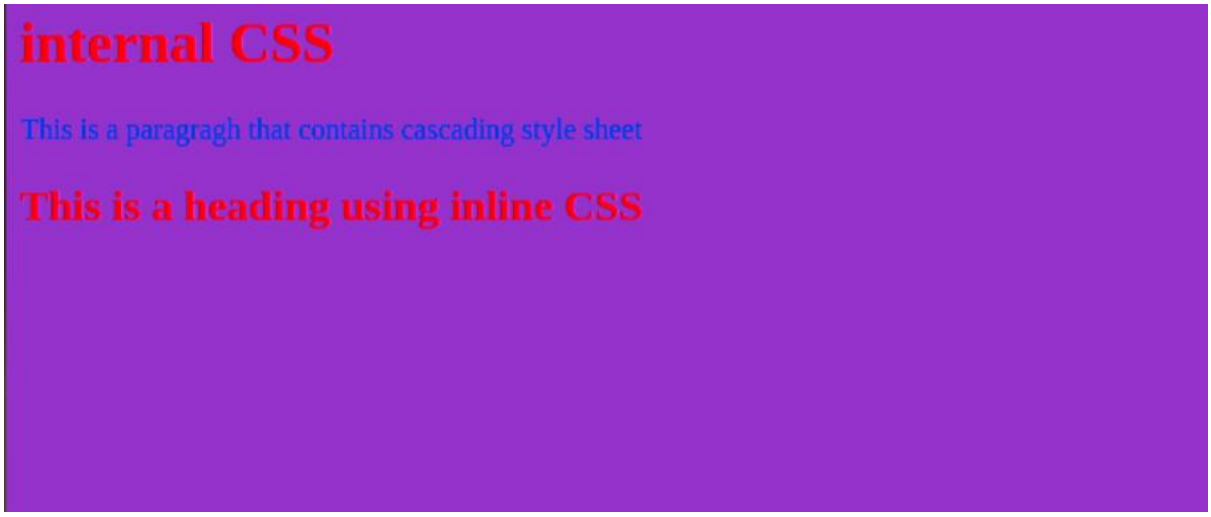
AIM

Create a HTML file by applying the different styles using inline, external & internal style sheets.Internal & Inline CSS

SOURCE CODE

```
<html>
<head>
<style>
body{background-color:DarkViolet;}
h1{color:red;}
p{color:blue}
</style>
</head>
<body>
<h1>internal CSS</h1>
<p>This is a paragraph that contains cascading style sheet</p>
<h2 style="color:red">This is a heading using inline CSS</h2>
</body>
</html>
```

OUTPUT



External CSS

excess.html

```
<html>
<head>
<link rel="stylesheet" href="style.css"></head>
<body>
<h1>Tree Data Structure</h1><p>Root: The root node is the topmost node in the tree hierarchy. In other words, the root node is the one that doesn't have any parent. In the above structure, node numbered 1 is the root node of the tree. If a node is directly linked to some other node, it would be called a parent-child relationship.
Child node: If the node is a descendant of any node, then the node is known as a child node.
Parent: If the node contains any sub-node, then that node is said to be the parent of that sub-node.
Sibling: The nodes that have the same parent are known as siblings.</p>
</body>
</html>
```

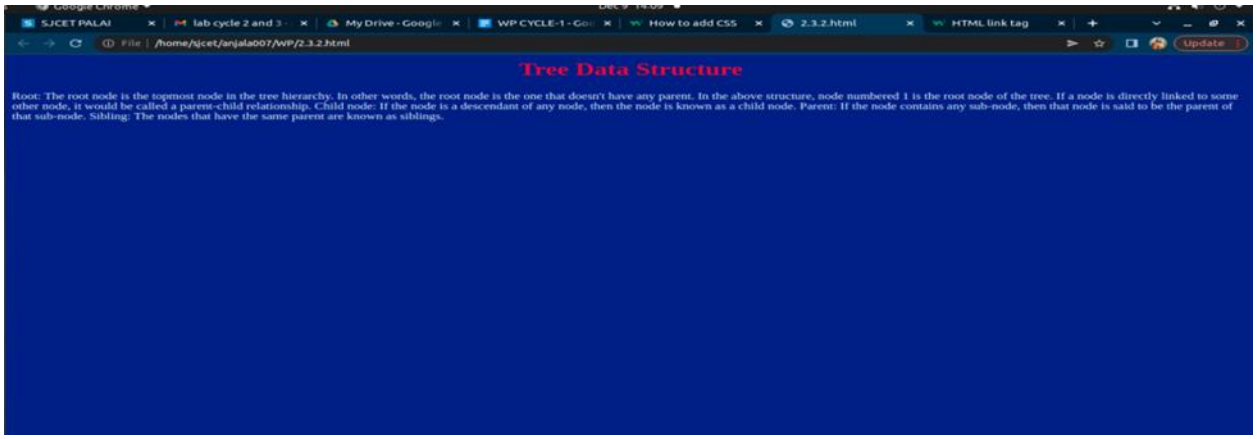
style.css

```
body{
background-color:DarkBlue;
}
h1{
color:Crimson;
text-align:center;
}
p{
text-align:left;
color:Azure;
}
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT


SJCET PALAI
lab cycle 2 and 3
My Drive - Google
WP CYCLE-1 - Go
How to add CSS
2.3.2.html
HTML link tag
File | /home/sjcet/anjala007/WP/2.3.2.html
Update
Tree Data Structure
Root: The root node is the topmost node in the tree hierarchy. In other words, the root node is the one that doesn't have any parent. In the above structure, node numbered 1 is the root node of the tree. If a node is directly linked to some other node, it would be called a parent-child relationship. Child node: If the node is a descendant of any node, then the node is known as a child node. Parent: If the node contains any sub-node, then that node is said to be the parent of that sub-node. Sibling: The nodes that have the same parent are known as siblings.

PROGRAM – 18

AIM

Create a registration form using HTML.

SOURCE CODE

```
<html>
<head>
<title>Registration Form</title>
</head>
<body>
<h1><center>Student Registration</center></h1>
<table align="center">
<form action="" method="">
<tr><td>Name:</td>
<td><input type="text"></td>
</tr>
<tr><td>Roll No:</td>
<td><input type="text"></td>
</tr>
<tr><td>Admission Number:</td>
<td><input type="text"></td>
</tr>
<tr><td>Date of Birth:</td>
<td><input type="date"></td>
</tr>
<tr><td>Sex:</td>
<td><input type="radio">
<label>Male</label><td><input type="radio">
<label>Female</label>
</td>
</tr>
```

```
<tr><td>Phone No:</td>
<td><input type="text"></td>
</tr>
<tr><td>Email id:</td>
<td><input type="text"></td>
</tr>
</table>
<center><input type="submit" value="submit">
</form>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT

PROGRAM – 19

AIM

Create an HTML page using frames which are similar to the following one.In the left frame provide hyperlinks to 3 important monuments in the world. On clicking that hyperlink an image of the monument should be displayed in right frame with suitable description

SOURCE CODE

2.5.html

```
<html>
<frameset cols="25%,*">
<frame src="link.html"/>
<frame src="home.html" name="z" />
</frameset>
</html>
```

home.html

```
<html>
<style>
h1{
text-align: center;
color: Azure;
}
body{
background-color: DarkMagenta;
}
p{
font-size:30px;
color: AliceBlue;
}
</style>
<body>
<br>
```

```
<h1 >Famous Monuments</h1>
<p><br><br>Taj Mahal
<br><br>India Gate
<br><br>Charminar</p>
</body>
</html>
```

link.html

```
<html>
<style>
a{
font-size: 30px;
color: red;
}
body{
background-color: Gold;
}
</style>
<body style="text-align: center">
<br><br><br><br>
<h1 align="center"><font face="cooper" color="DarkBlue" size="6">The Famous
Monuments</font></h1>
<a href="home.html" target="z">Home</a><br>
<a href="tajmahal.html" target="z">Taj Mahal</a><br>
<a href="pyramid.html" target="z">Pyramids of Giza </a><br>
<a href="coloessium.html" target="z">The Colosseum,Rome</a>
</body>
</html>
```

tagmahal.html

```
<html>
<style>
body{
font-family: times new roman;
font-size: 20px;
background-color: DarkBlue;
```

```
}
h1{
color: Azure;
text-align: center;
}
p{
color:Linen;
}
</style>
<body>
<h1>Taj Mahal</h1>
<center><img src="taj.jpeg" style="width:300px;"></center>
<p>The Taj Mahal 'Crown of the Palace', is an ivory-white marble mausoleum on the southern bank of the river Yamuna in the Indian city of Agra. It was commissioned in 1632 by the Mughal emperor Shah Jahan (reigned from 1628 to 1658) to house the tomb of his favorite wife, Mumtaz Mahal; it also houses the tomb of Shah Jahan himself. The tomb is the centerpiece of a 17-hectare(42-acre) complex, which includes a mosque and a guest house, and is set in formal gardens bounded on three sides by a crenelated wall. </p>
</body>
</html>
```

pyramid.html

```
<html>
<style>
body{
font-family: times new roman;
font-size: 20px;
background-color: DarkBlue;
}
h1{
color: Azure;
text-align: center;
}
p{
color:Linen;
```

```
}
</style>
<body>
<h1>Great Pyramid of Giza</h1>
<center><img src="pyramids.jpeg" style="width:350px"></center>
<p>The Great Pyramid of Giza is the biggest Egyptian pyramid and the tomb of Fourth Dynasty pharaoh Khufu. Built in the early 26th century BC during a period of around 27 years,the pyramid is the oldest of the Seven Wonders of the Ancient World, and the only one to remain largely intact. As part of the Giza pyramid complex, it borders present-day Giza in Greater Cairo, Egypt.</p>
</body>
</html>
```

coloesiuum.html

```
<html>
<style>
body{
font-family: times new roman;
font-size: 20px;
background-color: DarkBlue;
}
h1{
color: Azure;
text-align: center;
}
p{color:Linen;
}
</style>
<body>
<h1>The Colosseum,Rome</h1>
<center><img src="colossem.jpeg" style="width:350px;height: 200px"></center>
<p>The Colosseum is an oval amphitheatre in the centre of the city of Rome, Italy, just east of the Roman Forum. It is the largest ancient amphitheatre ever built, and is still the largest standing amphitheatre in the world today, despite its age. Construction began under the emperor Vespasian (r. 69–79 AD) in 72 and was completed in 80 AD under his successor and
```

heir, Titus (r. 79–81).Further modifications were made during the reign of Domitian (r. 81–96).The three emperors that were patrons of the work are known as the Flavian dynasty, and the amphitheatre was named the Flavian Amphitheatre (Latin: Amphitheatrum Flavium; Italian: Anfiteatro Flavio by later classicists and archaeologists for its association with their family name (Flavius).The Colosseum is built of travertine limestone, tuff (volcanic rock), and brick-faced concrete. </p>

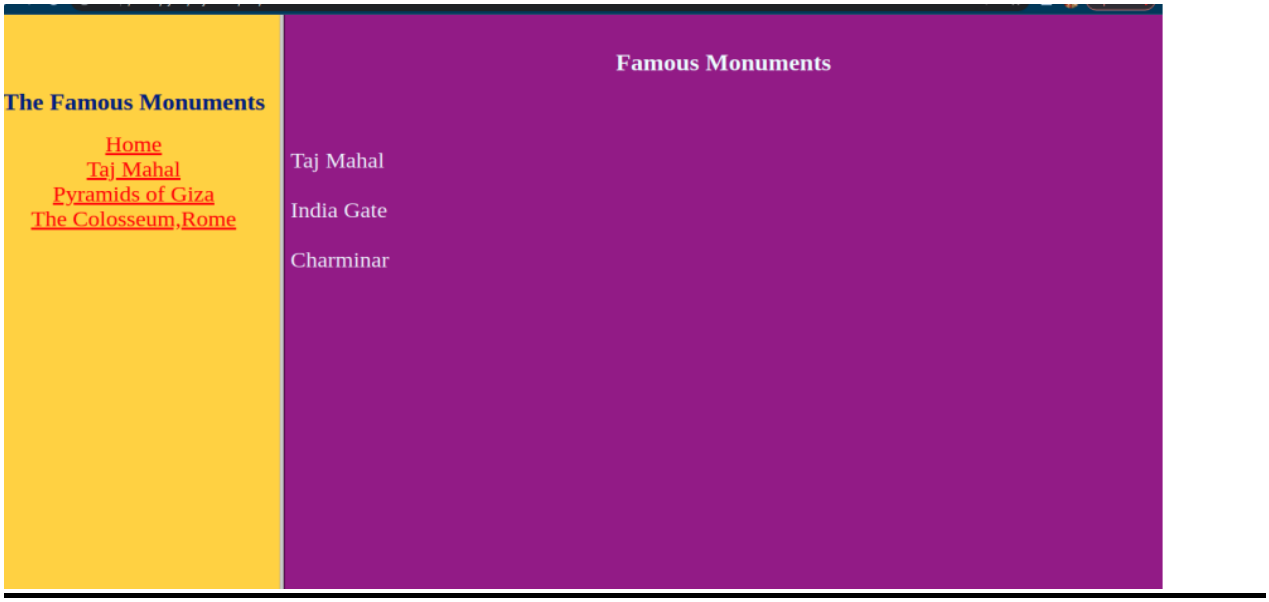
</body>

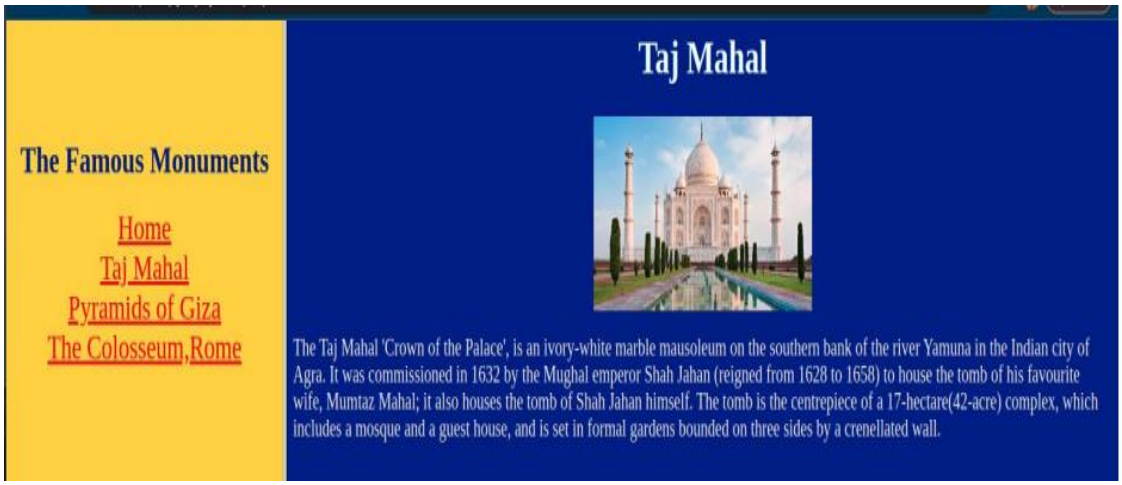
</html>

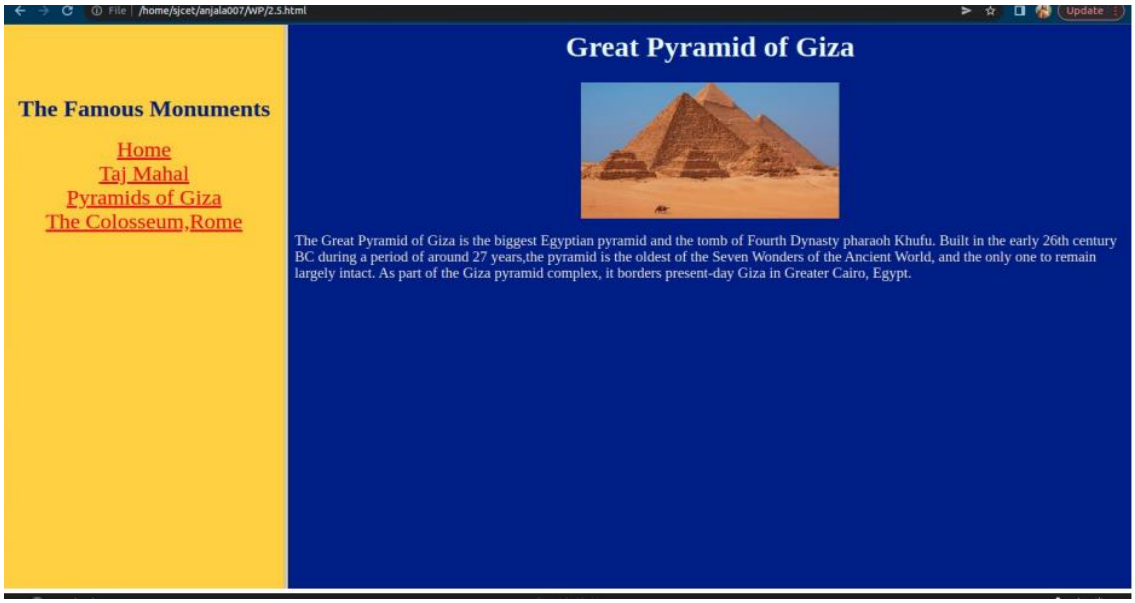
RESULT

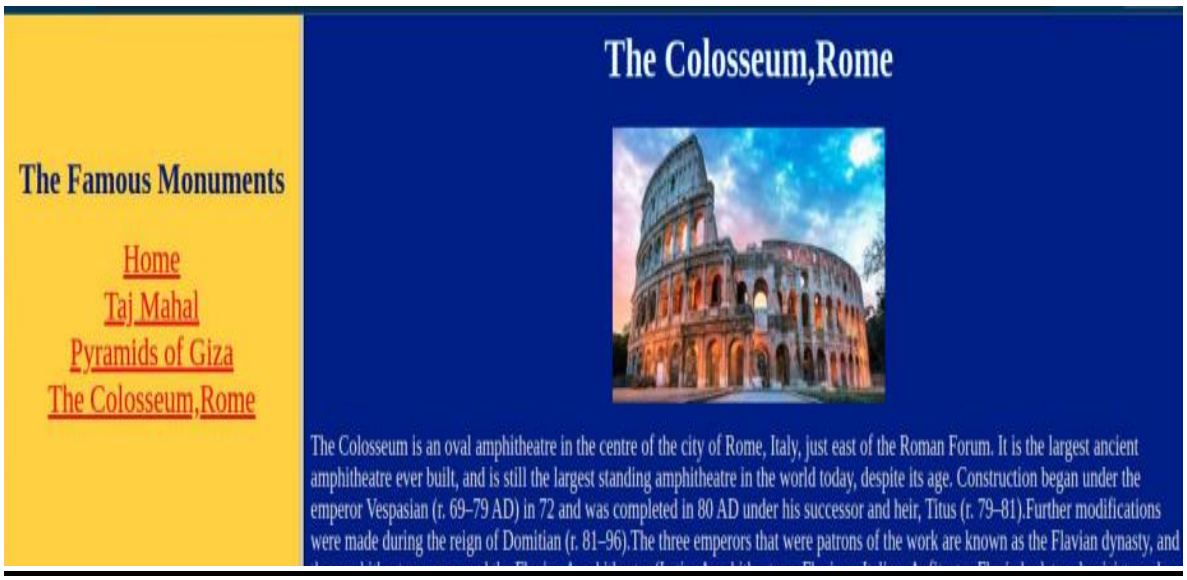
The program has been executed successfully and output is obtained.

OUTPUT




The Famous Monuments
Home
Taj Mahal
Pyramids of Giza
The Colosseum,Rome
Taj Mahal
The Taj Mahal 'Crown of the Palace', is an ivory-white marble mausoleum on the southern bank of the river Yamuna in the Indian city of Agra. It was commissioned in 1632 by the Mughal emperor Shah Jahan (reigned from 1628 to 1658) to house the tomb of his favourite wife, Mumtaz Mahal; it also houses the tomb of Shah Jahan himself. The tomb is the centrepiece of a 17-hectare(42-acre) complex, which includes a mosque and a guest house, and is set in formal gardens bounded on three sides by a crenellated wall.


/home/sjcet/anjala007/WP/2.5.html
Update
The Famous Monuments
Home
Taj Mahal
Pyramids of Giza
The Colosseum,Rome
Great Pyramid of Giza
The Great Pyramid of Giza is the biggest Egyptian pyramid and the tomb of Fourth Dynasty pharaoh Khufu. Built in the early 26th century BC during a period of around 27 years,the pyramid is the oldest of the Seven Wonders of the Ancient World, and the only one to remain largely intact. As part of the Giza pyramid complex, it borders present-day Giza in Greater Cairo, Egypt.


The Famous Monuments
Home
Taj Mahal
Pyramids of Giza
The Colosseum,Rome
The Colosseum,Rome
The Colosseum is an oval amphitheatre in the centre of the city of Rome, Italy, just east of the Roman Forum. It is the largest ancient amphitheatre ever built, and is still the largest standing amphitheatre in the world today, despite its age. Construction began under the emperor Vespasian (r. 69–79 AD) in 72 and was completed in 80 AD under his successor and heir, Titus (r. 79–81).Further modifications were made during the reign of Domitian (r. 81–96).The three emperors that were patrons of the work are known as the Flavian dynasty, and

PROGRAM – 20

AIM

Make up three image links for 3 web browsers and put them in a borderless table. Construct the table so that there is just a little space between the images.

SOURCE CODE

```
<html>
<body><style>
th,td{padding: 20px;}
body{text-align: center;}
</style>
<table align="center" style="padding-top: 200px"><tr>
<td><a href="https://www.mozilla.org/en-US/"><img src="firefox.jpeg"
height="100%"width="100%"></a></td>
<td><a href="https://www.yahoo.com/"><img src="yahoo.png"
height="80%"width="80%"></a></td>
<td><a href="https://sjcetpalai.ac.in/"><img src="sjcet-official.jpg" height="50%"
width="50%"></a></td></tr></table>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT

PROGRAM – 21

AIM

Create all <p> elements will be center-aligned, with a red text color.

SOURCE CODE

```
<html>
<head>
<style>
p{color:red;
text-align:center}
</style>
</head>
<body>
<h1>internal css example</h1>
<p>This is a paragraph that containing internal CSS. This paragraph is red in color and this is center aligned paragragh.</p>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT

PROGRAM – 22

AIM

Set the background color for the page to "linen" and the background color for <h1> to "lightblue".

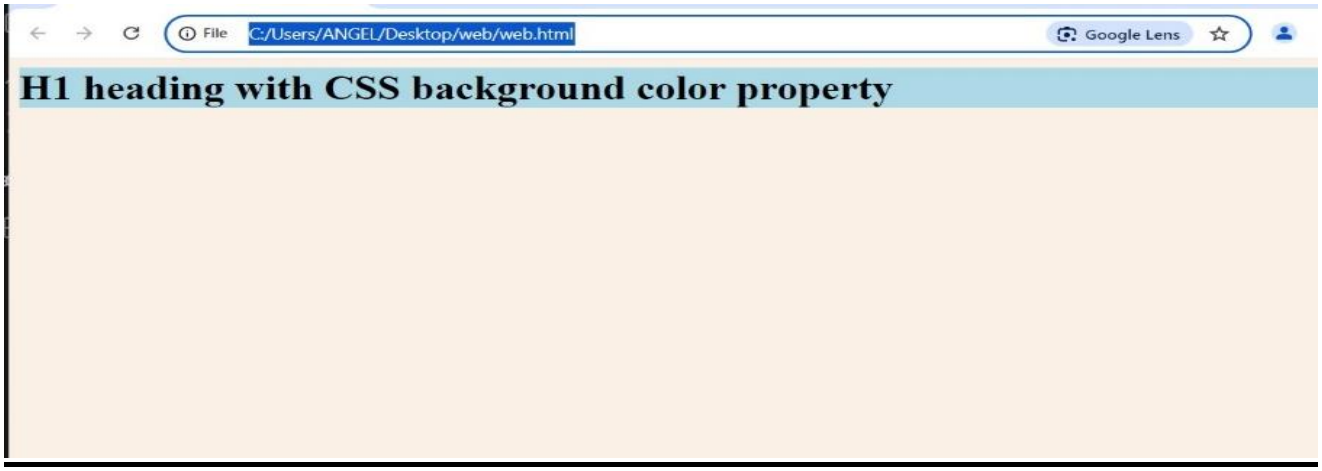
SOURCE CODE

```
<html>
<head>
<style>
body{background-color:linen;}
h1{background-color:lightblue;}
</style>
</head>
<body>
<h1>H1 heading with CSS background color property</h1>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPU



PROGRAM – 23

AIM

Add an external style sheet with the URL: "mystyle.css

SOURCE CODE

HTML code

```
<html>
<head>
<link rel="stylesheet" href="mystyle.css">
</head>
<body>
<h1>HTML</h1>
<p>The HyperText Markup Language or HTML is the standard markup language for documents
designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets
(CSS) and scripting languages such as JavaScript.
</p>
</body>
</html>
```

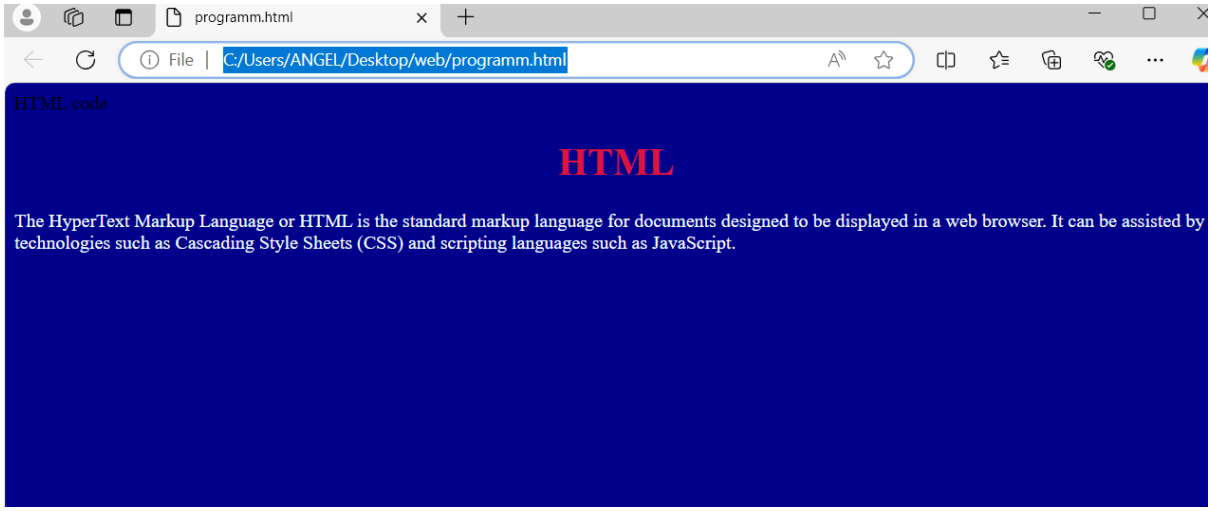
mystyle.css

```
body{
background-color:DarkBlue;}
h1{
color:Crimson;
text-align:center;}
p{
text-align:left;
color:Azure;
}
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 24

AIM

Set "background-color: linen" for the page, using an inline style.

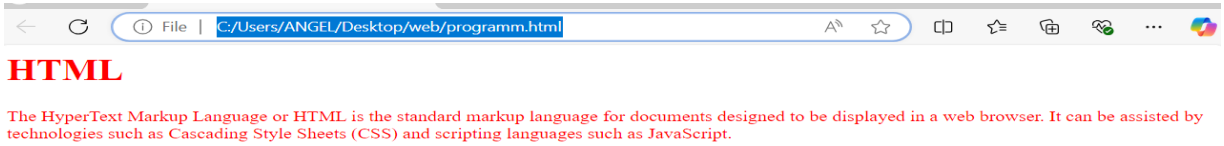
SOURCE CODE

```
<html>

<body style="color:linen">

<h1><font color="red">HTML</h1>

<p>The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.</p>

</body>

</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 25

AIM

Set "background-color: blue" for the page, using an internal style sheet.

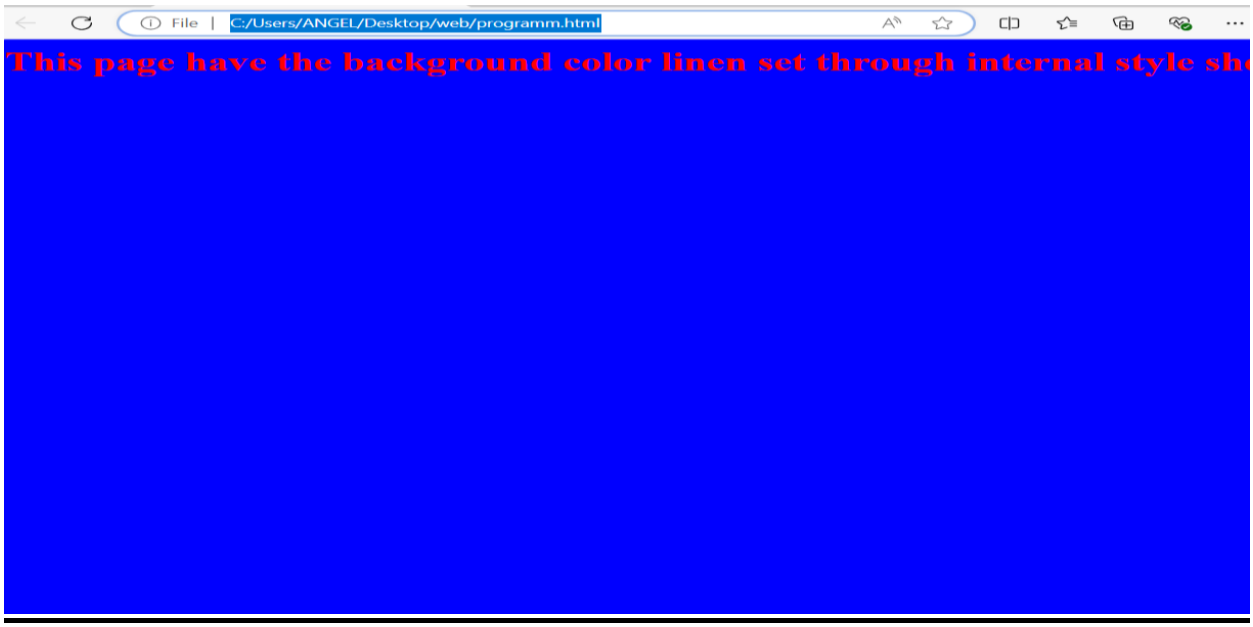
SOURCE CODE

```
<html>
<head>
<style>
body{background-color:blue}
</style>
</head>
<body>
<h1><font color="red">This page have the background color linen set through internal style sheet</font></h1>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 26

AIM

Set "background-color: blue" for the page, using an internal style sheet.

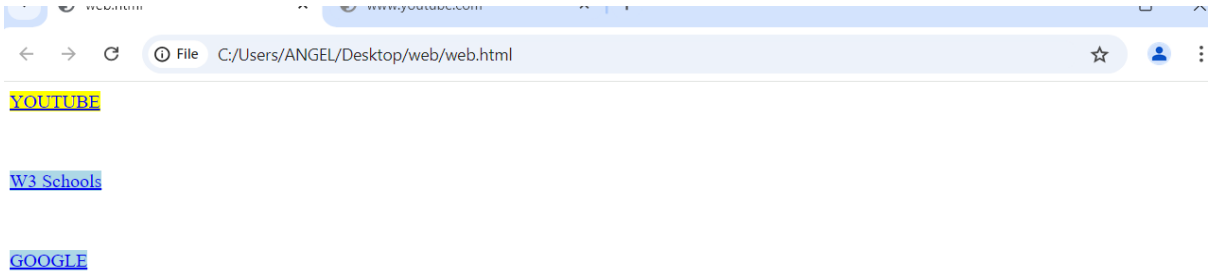
SOURCE CODE

```
<html>
<head>
<style>
body{background-color:blue}
</style>
</head>
<body>
<h1><font color="red">This page have the background color linen set through internal style sheet</font></h1>
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 27

AIM

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

SOURCE CODE

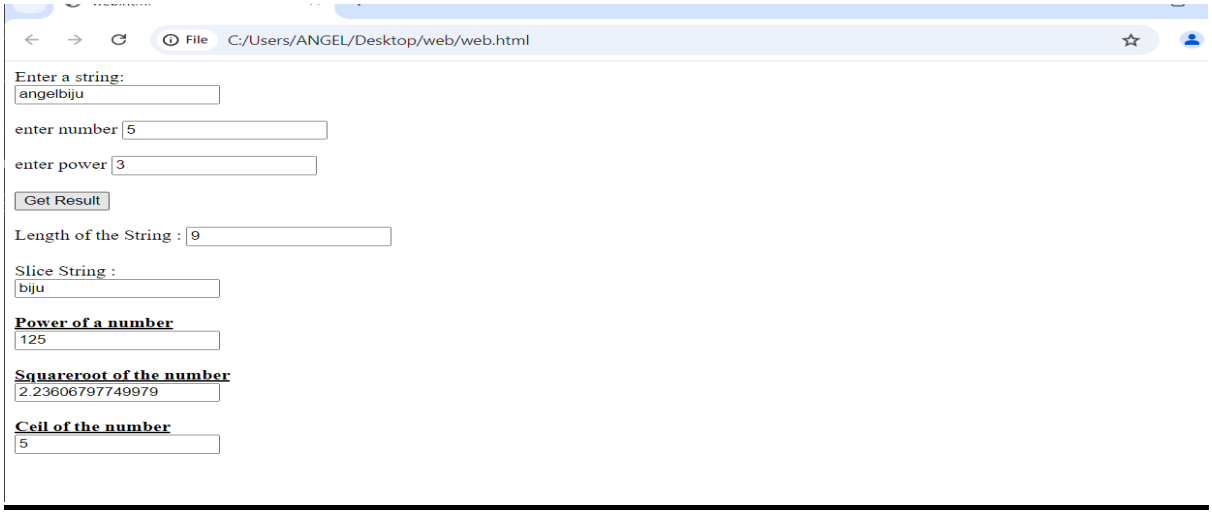
```
<html>
<body>
<label>Enter a string:</label><br>
<input type="text" name="str" id="str1"><br><br>
<label>enter number</label>
<input type="text" name="text1" id="id1"><br><br>
<label>enter power</label>
<input type="text" name="text2" id="id2">
<script language="javascript" type="text/javascript">
function add()
{
var a,b,c,n,m,i,s,sl,sli;
s=(document.getElementById("str1").value);
sl=s.length;
sli=s.slice(5,11);
a=(document.getElementById("id1").value);
b=(document.getElementById("id2").value);
c=Math.pow(a,b);
n=Math.sqrt(a);
m=Math.ceil(a);
i=Math.floor(a);
(document.getElementById("strlen").value)=sl;
(document.getElementById("strsli").value)=sli;
(document.getElementById("ans").value)=c;
(document.getElementById("sqr").value)=n;
```

```
(document.getElementById("ceil").value)=m;
(document.getElementById("floor").value)=i;
}
</script>
<br><br>
<button onclick="add()">Get Result</button><br><br>
<label>Length of the String :</label>
<input type="text" id="strlen"><br><br>
<label>Slice String :</label><br>
<input type="text" id="strsli"><br><br>
<label><b><u>Power of a number</u></b></label><br>
<input type="text" id="ans"><br><br>
<label><u><b>Squareroot of the number</b></u></label><br>
<input type="text" id="sqr"><br><br>
<label><u><b>Ceil of the number</b></u></label><br>
<input type="text" id="ceil"><br><br>
<label><u><b>floor of the number</b></u></label><br><input type="text" id="floor">
</body>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 28

AIM

Generate the calendar using JavaScript code by getting the year from the user.

SOURCE CODE

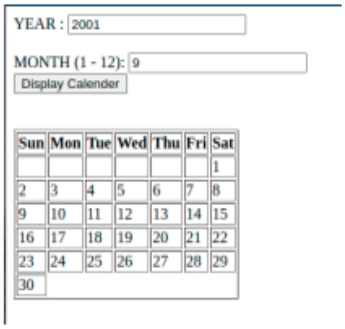
```
<html>
<body>
YEAR : <input type="text" id="year_get"><br><br>
MONTH (1 - 12): <input type="text" id="month_get"><br>
<input type="button" id="subtn" value="Display Calender" onclick="generate()"
><br><br><br>
<div id="content"> </div>
</body>
<script>
function generate()
{
var init_content = "<table BORDER=1
id='calender'><tr><th>Sun</th><th>Mon</th><th>Tue</th><th>Wed</th><th>Thu</th><t
h>Fri</th><th>Sat</th></tr
><tr>"
var year_get = document.getElementById("year_get").value;
var month_get = document.getElementById("month_get").value;
month_get -=1;
var date = new Date(year_get,month_get);
var day = date.getDay();
for (var i = 0; i < day; i++){
init_content += "<td></td>";
}
while (date.getMonth() == month_get)
{
init_content += "<td>" + date.getDate() + "</td>";
if (date.getDay() == 6)
```

```
{
init_content += "</tr><tr>";
}
date.setDate(date.getDate() + 1);
}
init_content += "</table>"
document.getElementById("content").innerHTML = init_content;
}
</script>
</html>
```

RESULT

The program has been executed successfully and output is obtained.

OUTPUT



PROGRAM – 29

AIM

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

SOURCE CODE

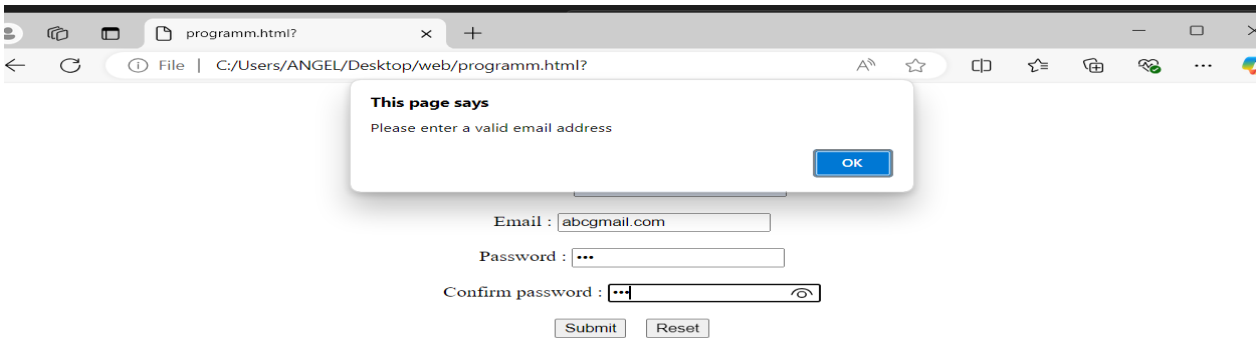
```
<html>
<head>
<script type="text/javascript">
function check()
{
if(document.getElementById('name').value == "")
alert("Please enter your name");
if(document.getElementById('user').value == "")
alert("Please enter a username");
var email = document.getElementById('mail');
var filter = /^([a-zA-Z0-9_\.\-])+\@(([a-zA-Z0-9\-])+\.)+([a-zA-Z0-9]{2,4})+$/;
if (!filter.test(email.value))
{
alert('Please enter a valid email address');
}
if((document.getElementById('pswd').value == "")
&&(document.getElementById('cpswd').value == ""))
alert("Please enter your password");
if((document.getElementById('pswd').value) !=
(document.getElementById('cpswd').value))
alert("Password does not match");
}
</script>
</head>
<body>
<center>
```

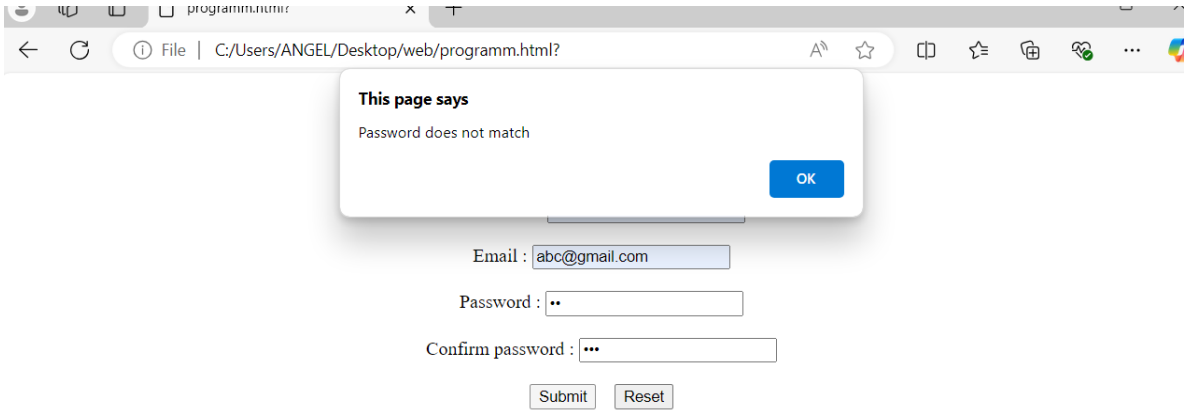
```
<form>
<u>
<h1>REGISTRATION</h1>
</u>
Name : <input type="text" id="name">
<br><br>
Username : <input type="text" id="user">
<br><br>
Email : <input type="text" id="mail">
<br><br>
Password : <input type="password" id="pswd">
<br><br>
Confirm password : <input type="password" id="cpswd">
<br><br>
<input type="submit" id="submit" onclick="check()"> <input type="reset">
</form>
</center>
</body>
</html>
```

RESULT

The program has been successfully executed and output is obtained.

OUTPUT




File | C:/Users/ANGEL/Desktop/web/programm.html?
This page says
Password does not match
OK
Email : abc@gmail.com
Password :
Confirm password :
Submit
Reset

PROGRAM – 30

AIM

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

SOURCE CODE

```
<html>
<body>
<script>
function change()
{
var color = "#" + Math.random().toString(16).slice(2,8);
document.body.style.backgroundColor = color;
}</script>
<button type="submit" onclick="change()">Change background color</button>
</body>
</html>
```

RESULT

The program has been successfully executed and output is obtained.

OUTPUT

PROGRAM – 31

AIM

Create a HTML page to display a new image and text when the mouse comes over the existing content in the page using JavaScript Event Handling.

SOURCE CODE

```
<html >
<body>
<div class="a" id="a">
<img src="taj.jpeg" id="image"><br><br>
<h1 id="text1">Taj Mahal,Agra</h1>
<h1 id="text2">The colossem,Rome</h1>
</div>
<script>
document.getElementById("a").addEventListener("mouseover",ab);
document.getElementById("a").addEventListener("mouseout",bc);
function ab() {
document.getElementById('image').src = "colossem.jpeg";
document.getElementById('text1').style.display="none";
document.getElementById('text2').style.display="block"
}
function bc() {
document.getElementById('image').src = "taj.jpeg";
document.getElementById('text1').style.display="block";
document.getElementById('text2').style.display="none";
}
</script>
</body>
</html>
```

RESULT

The program has been successfully executed and output is obtained.

OUTPUT

Taj Mahal,Agra

PROGRAM – 32

AIM

Create a HTML page to show online exams using JavaScript.

SOURCE CODE

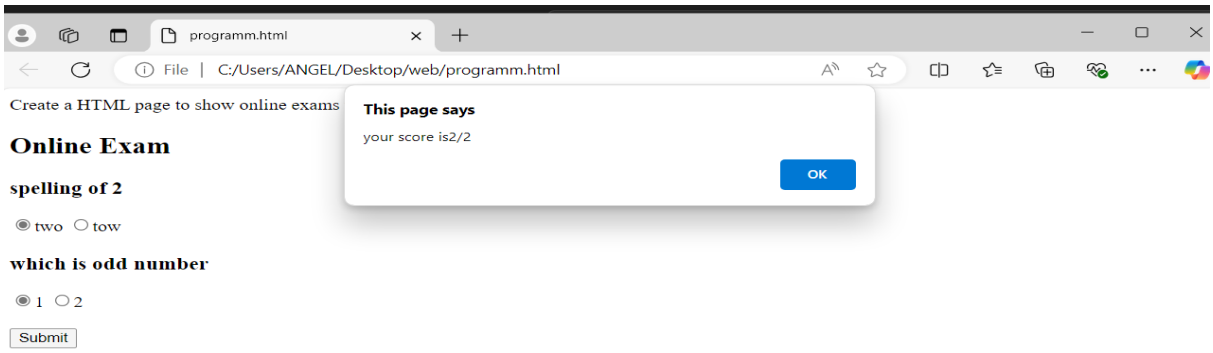
```
<html>
<head>
<script type="text/javascript">
var i=0;
function exam()
{
if(document.f1.n1[0].checked)
i=i+1;
if(document.f1.n2[0].checked)
i=i+1;
alert("your score is"+i+"/2");
}
</script>
</head>
<body>
<h2>Online Exam</h2>
<form name="f1">
<h3>spelling of 2</h3>
<input type="radio" id="2" name="n1" value="two">two
<input type="radio" id="2" name="n1" value="tow">tow
<h3>which is odd number</h3>
<input type="radio" id="1" name="n2" value="1">1
<input type="radio" id="1" name="n2" value="2">2
<br>
<br>
<input type="submit" value="Submit" onclick="exam()">
```

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

RESULT

The program has been successfully executed and output is obtained.

OUTPUT



PROGRAM – 33

AIM

Outline a registration form using PHP and do necessary validations.

SOURCE CODE

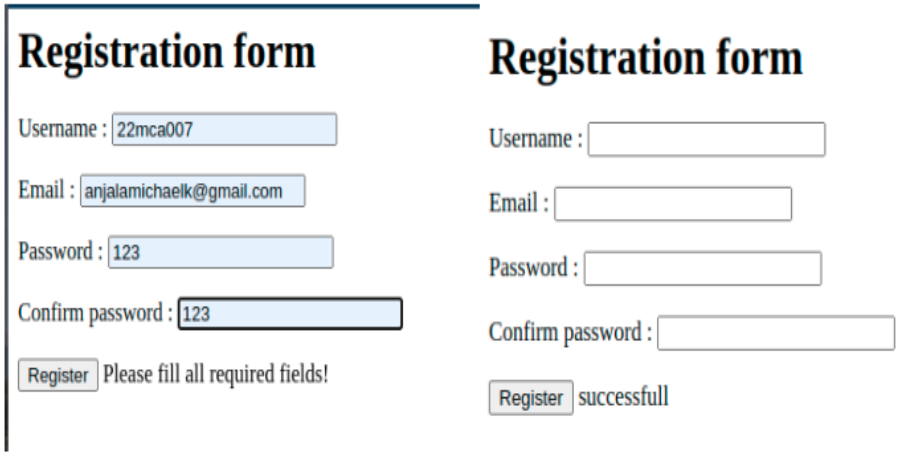
```
<html>
<body>
<h1>Registration form</h1>
<form action = "" method = "POST">
Username : <input type="text" name="username"><br> <br>
Email : <input type="text" name="email"><br> <br>
Password : <input type="text" name="pass"><br> <br>
Confirm password : <input type="text" name="cpass"><br> <br>
<input type="submit" value="Register">
<?php
if (empty($_POST['username']) ||
empty($_POST['pass']) ||
empty($_POST['email']) ||
empty($_POST['cpass']))
{
die("Please fill all required fields!");
}
if ($_POST['pass'] != $_POST['cpass'])
{
die ('Password and confirm password should match');
}
else
{
die("successfull");
}
?>
</form>
```

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

RESULT

The program has been successfully executed and output is obtained.

OUTPUT



PROGRAM – 34

AIM

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

SOURCE CODE

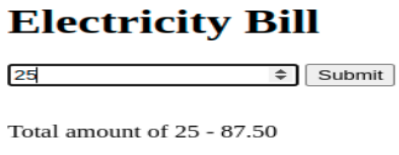
```
<html>
<head>
<title>Electricity Bill</title>
</head>
<?php
$result_str = $result = '';
if (isset($_POST['unit-submit'])) {
$units = $_POST['units'];
if (!empty($units)) {
$result = calculate_bill($units);
$result_str = 'Total amount of ' . $units . ' - ' . $result;}}
function calculate_bill($units) {
$unit_cost_first = 3.50;
$unit_cost_second = 4.00;
$unit_cost_third = 5.20;
$unit_cost_fourth = 6.50;
if($units <= 50) {
$bill = $units * $unit_cost_first;}
else if($units > 50 && $units <= 100) {
$temp = 50 * $unit_cost_first;
$remaining_units = $units - 50;
$bill = $temp + ($remaining_units * $unit_cost_second);}
else if($units > 100 && $units <= 200) {
$temp = (50 * 3.5) + (100 * $unit_cost_second);
$remaining_units = $units - 150;
$bill = $temp + ($remaining_units * $unit_cost_third);
}
```

```
else {
$temp = (50 * 3.5) + (100 * $unit_cost_second) + (100 * $unit_cost_third);
$remaining_units = $units - 250;
$bill = $temp + ($remaining_units * $unit_cost_fourth);
}
return number_format((float)$bill, 2, '.', '');
}
?>
<body>
<div id="page-wrap">
<h1>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>
```

RESULT

The program has been successfully executed and output is obtained.

OUTPUT



PROGRAM – 35

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.

SOURCE CODE

```
<?php
$a = array("Anjala", "Christeena", "Blessey","Angela");
print_r($a);
echo("<br>Ascending order : ");
asort($a);
print_r($a);
echo("<br>Descending order : ");
arsort($a);
print_r($a);
?>
```

RESULT

The program has been successfully executed and output is obtained.

OUTPUT

```
Array ( [0] => Anjala [1] => Christeena [2] => Blessey [3] => Angela )
Ascending order : Array ( [3] => Angela [0] => Anjala [2] => Blessey [1] => Christeena )
Descending order : Array ( [1] => Christeena [2] => Blessey [0] => Anjala [3] => Angela )
```

PROGRAM – 36

AIM

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

SOURCE CODE

```
<?php
$cricket=array(array('M S Dhoni',40),array('Virat Kohli',33),array('Sachin Tendulkar',48),
array('Rohit Sharma',36),
array('Sanju Samson',28));
?>
<html>
<table border="1"><tr><th>Name</th><th>Age</th></tr>
<tr><td><?php echo $cricket[0][0] ?></td><td><?php echo $cricket[0][1]?></td></tr>
<tr><td><?php echo $cricket[1][0] ?></td><td><?php echo $cricket[1][1]?></td></tr>
<tr><td><?php echo $cricket[2][0] ?></td><td><?php echo $cricket[2][1]?></td></tr>
<tr><td><?php echo $cricket[3][0] ?></td><td><?php echo $cricket[3][1]?></td></tr>
<tr><td><?php echo $cricket[4][0] ?></td><td><?php echo $cricket[4][1]?></td></tr>
</table>
</html>
```

RESULT

The program has been successfully executed and output is obtained.

OUTPUT

Name	Age
M S Dhoni	40
Virat Kohli	33
Sachin Tendulkar	48
Rohit Sharma	36
Sanju Samson	28

PROGRAM – 37

AIM

Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format.

SOURCE CODE

Config.php

```
<?php
$mysql_host="localhost";
$mysql_user="22mca007";
$mysql_password="2547";
$conn=mysqli_connect($mysql_host,$mysql_user,$mysql_password);
if(mysqli_select_db($conn,'22mca007'))
{
echo 'connected';
}
else{
echo 'falied';
}
?>
```

Reg.php

```
<?php
include "config.php";
if(isset($_POST['submit']))
{
$name=$_POST['name'];
$email=$_POST['email'];
$password=$_POST['password'];
$sql = "INSERT INTO `local` ( `name`, `email`, `password`) VALUES ( '$name', '$email',
'$password')";
```

```
$result=$conn->query($sql);
if($result==TRUE)
{
echo "new record created successfully";
}
else
{
echo "Error".$sql."<br>".$conn->error;
}
$conn->close();
}
?>
<html>
<body>
<h2> Signup Form </h2>
<form action="" method="POST"><fieldset><legend> Personal Information </legend>
First Name:<br><input type="text" name="name"><br>
Email:<br><input type="email" name="email"><br>
Password:<br><input type="password" name="password"><br>
<br><input type="submit" name="submit" value="submit"><br>
<a href="view.php" >VIEW DATA</a></fieldset>
</body>
</html>
```

view.php

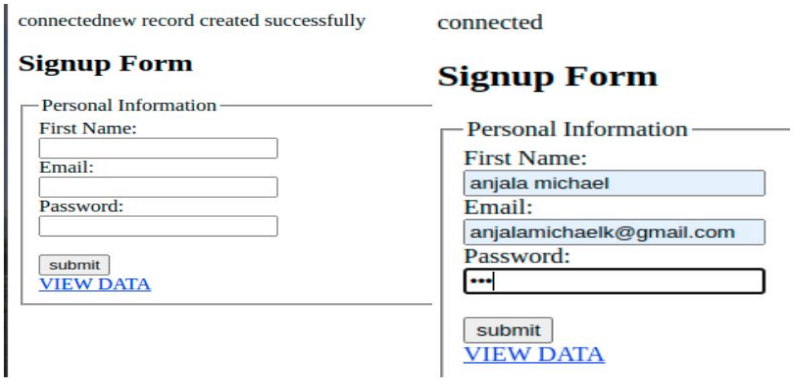
```
<?php
include "config.php";
$sql = " SELECT * FROM `local` " ;
$result=$conn->query($sql);
?>
<html>
<head>
<title>view page</title>
</head>
```

```
<body>
<div class="container">
<h2>VIEW</h2>
<table border="1">
<tr>
<th>sino</th>
<th>Name</th>
<th>Email</th>
<th>Password</th>
</tr>
<?php
if($result->num_rows>0)
{
while($row=$result->fetch_assoc())
{
?>
<tr>
<td><?php echo $row['slno'];?></td>
<td><?php echo $row['Name'];?></td>
<td><?php echo $row['Email'];?></td>
<td><?php echo $row['password'];?></td>
<?php
}
}
?>
</table>
</html>
```

RESULT

The program has been successfully executed and output is obtained.

OUTPUT



connected

VIEW

sino	Name	Email	Password
1	anjala michael	anjalamichaelk@gmail.com	123
2	anjala michael	anjalamichael2024@mca.sjcetpalai.ac.in	456

PROGRAM – 38

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

bookconnect.php

```
<?php
$mysql_host='localhost';
$mysql_user='22mca007';
$mysql_password='2547';
$conn=mysqli_connect($mysql_host,$mysql_user,$mysql_password);
if(mysqli_select_db($conn,'22mca007'))
{echo 'connection successful';
}
else{
echo 'connection failed';
}
?>
```

insert.php

```
<?php
include "bookconnect.php";
if(isset($_POST['submit']))
{
$ano=$_POST['ano'];
$title=$_POST['title'];
$author=$_POST['author'];
$edition=$_POST['edition'];
$publisher=$_POST['publisher'];
```

```
$sql = "INSERT INTO `books` ( `ano`,`title`, `author`, `edition`, `publisher`)
VALUES ( '$ano','$title', '$author', '$edition', '$publisher')";
$result=$conn->query($sql);
if($result==TRUE)
{
echo "new record created successfully";
}
else
{
echo "Error".$sql."<br>".$conn->error;
}
$conn->close();
}
?>
<html>
<head>
<title>newcustomer</title>
</head>
<body>
<form method="POST" action="">
<h1>Register</h1><br>
Ano<br>
<input type="text" name="ano" required><br>
<br>
Title<br>
<input type="text" name="title" required><br>
Author<br>
<input type="text" name="author" required><br>
Edition<br>
<input type="text" name="edition" required><br>
Publisher<br>
<input type="text" name="publisher" required>
<br>
<input type="submit" name="submit"
```

```
value="register"><br><br><br><br><br>
<a href="booksearch.php" >VIEW DATA</a>
</form>
</body>
</html>
```

booksearch.php

```
<?php
require "bookconnect.php";
if(isset($_POST['sub']))
{ $bookhead=$_POST['btitle'];
$store = "SELECT * FROM `books` WHERE `title` = '$bookhead'";
$result=$conn->query($store);
if($result=mysqli_query($conn,$store))
{
while($query_execute=mysqli_fetch_assoc($result))
{
?><table
border="1"><tr><th>sino</th><th>title</th><th>author</th><th>edition</th><th>publisher
</th></tr>
<tr><td><?php echo $query_execute["ano"];?></td>
<td><?php echo $query_execute["title"];?></td>
<td><?php echo $query_execute["author"];?></td>
<td><?php echo $query_execute["edition"];?></td>
<td><?php echo $query_execute["publisher"];?></td></tr></table>
<?php }
}$con->close();
}
?>
<html>
<head>
<title>book search</title>
</head>
<body><form method="POST" action="">
<label>enter the title</label>
```

```
<input type="text" name="btitle">
<input type="submit" name="sub" value="submit">
<a href="insert.php" >ADD DATA</a>
</form>
</body>
</html>
```

RESULT

The program has been successfully executed and output is obtained.

OUTPUT