INDEX

PROGRAM-1

AIM

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

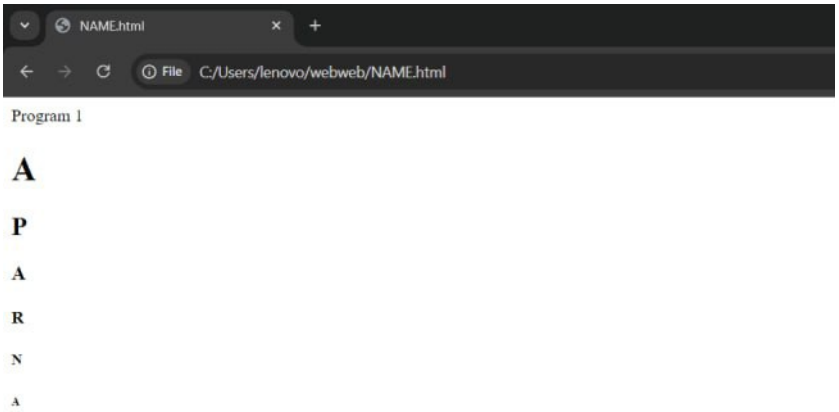
Code:

```
<html>
<head>Program 1</head>
<body>
  <h1>A</h1><h2>P</h2><h3>A</h3><h4>R</h4><h5>N</h5><h6>A</h6>
</body>
</html>
```

RESULT

The above program was successfully executed

OUTPUT



PROGRAM-2

AIM

2. Display the following text:

H_2O

12^{th} April 2016

HTML stands for ~~High Text Markup Language~~

He said <**I am fine**>

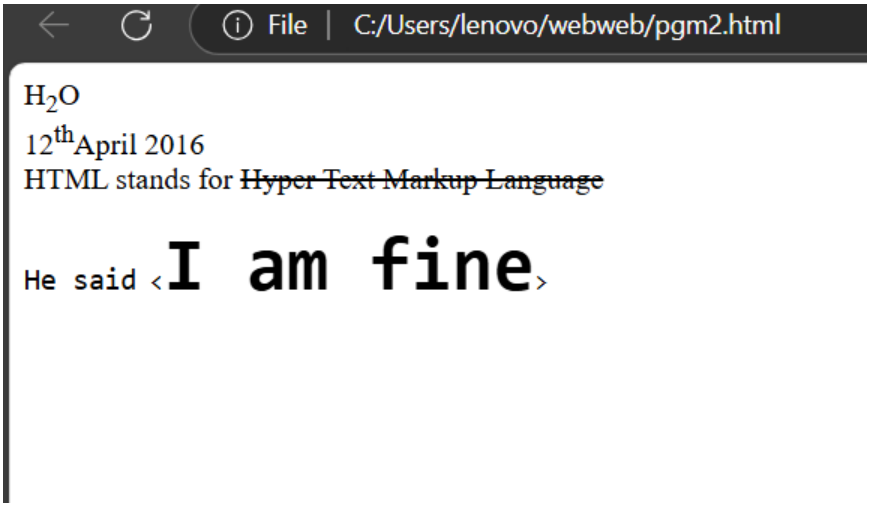
Code:

```
</html>

<body>

H<sub>2</sub>

<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 above program was successfully executed

Output


File | C:/Users/lenovo/webweb/pgm2.html
H2O
12thApril 2016
HTML stands for Hyper Text Markup Language
He said <I am fine>

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

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 above program was successfully executed

Output

4. 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.

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 above program was successfully executed

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.

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

Code:

```
<html>Explain the five classic components of a computer with diagram.
<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 above program was successfully executed

Output :

Explain the five classic components of a computer with diagram.

Programming Languages

i. C
ii. C++
iii. java
iv. Python

Courses

- BTech
- MTech
- MBA
- MCA
- PhD

6. 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 on where it will go in the alphabetized list. (Example: Alan$_1$). 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.

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

Alan

James

Angela

Anjala

Sandra

Tom

Vicky

Wilfred

</body>

</html>

RESULT

The above program was successfully executed

Output:

7. 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.

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 above program was successfully executed

Output

$1^2 = 1$
$2^2 = 4$
$3^2 = 9$
$4^2 = 16$
$5^2 = 25$
$6^2 = 36$
$7^2 = 49$
$8^2 = 64$
$9^2 = 81$
$10^2 = 100$
$11^2 = 121$
$12^2 = 144$
$13^2 = 169$
$14^2 = 196$
$15^2 = 225$
$16^2 = 256$
$17^2 = 289$
$18^2 = 324$
$19^2 = 361$
$20^2 = 400$

8. Print a definition list with 5 items.

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 to certain objectives</dd>
  <dt>Megabyte</dt>
    <dd>A unit of data consisting of 1024 kilobytes</dd>
</dl>
</body>
</html>
```

RESULT

The above program was successfully executed

Output:

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

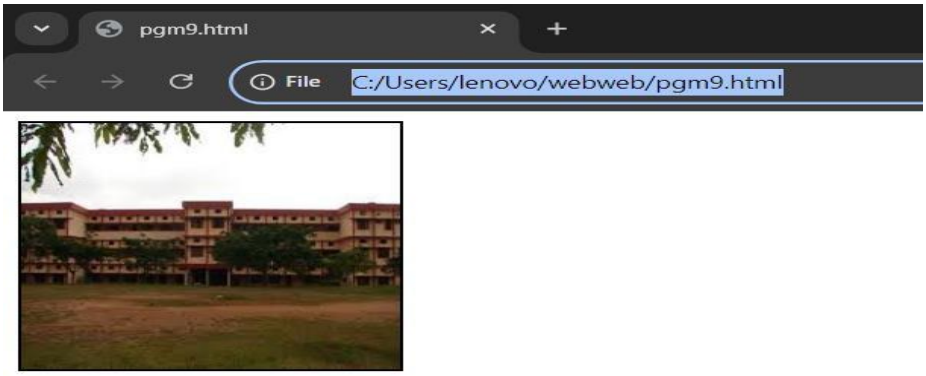
Code:

```
<html>

<body>

 <img src= "c:\Users\lenovo\Pictures\Saved Pictures\cep.jpg"

 border="2" height="200" width="200"/>

</body>

</html>
```

RESULT

The above program was successfully executed

Output:



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

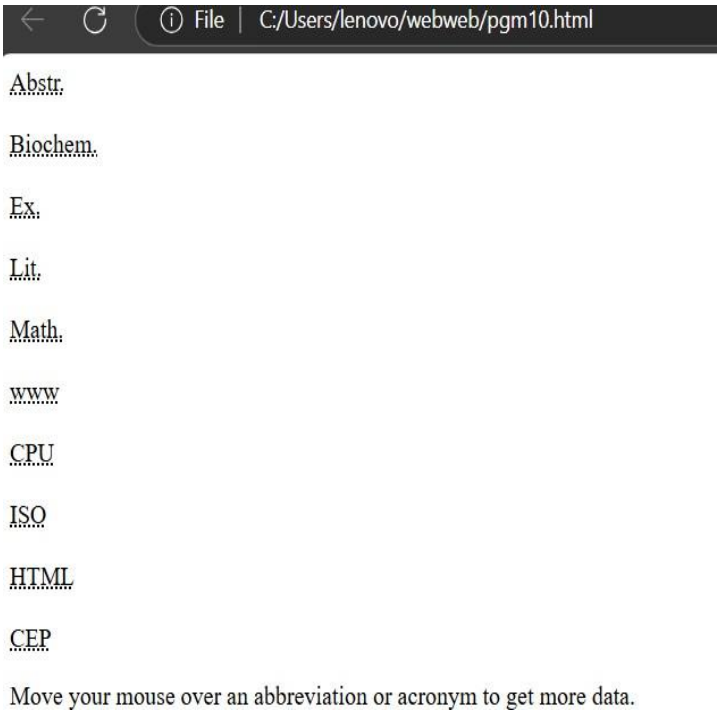
Code:

```
<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  tittle=”Hyper Text Mark up Language”>HTML
</acronym>
<br /><br />
<acronym title="college  of  engineering  poonjar">Cep
</acronym>
<p>
Move your mouse over an abbreviation or acronym to get more data.
</p>

</body>

</html>
```

RESULT

The above program was successfully executed

Output:



11. 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)

Code:

```
<html>

<body>

<address>

Anjala Michael <br>

Kuzhinjalil (H) <br>

Kurumannu P.O. <br>

Kurumannu , Kottayam <br>

Pin code: 686651

</address>

<br><br>

<center>

<address>

Anna Jos e<br>

Joann Jude (H) <br>

Poonjar, Kottayam <br>

Pin code: 686582

</address>

</center>
```

```
</body>

</html>
```

RESULT

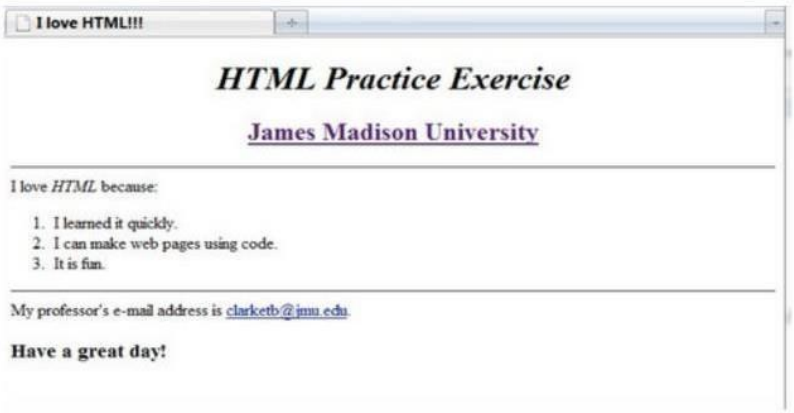
The above program was successfully executed

Output:

Anjala Michael
Kuzhinjalil (H)
Kurumannu P.O.
Kurumannu, Kottayam
Pin code: 686651

Anna Jose
Joann Jude (H)
Poonjar,Kottayam
Pin code: 686582

12. Create an HTML page with the following contents:



Code:

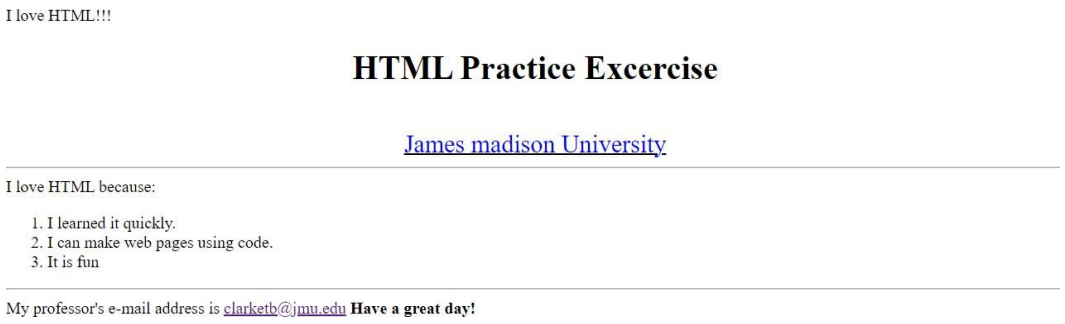
```
<html>

<head>I love HTML!!!</head>

<body>

<center><h1>HTML Practice Excercise</h1><br>

<u><font size ="5" color="blue">James madison 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>
```

RESULT

The above program was successfully executed

OUTPUT



I love HTML!!!

HTML Practice Excercise

James madison 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!**

13. Create the following table.

<table>
<tr><th colspan="6">Time Table</th></tr>
<tr><th rowspan="7">Hours</th></tr>
<tr><td>Mon</td><td>Tue</td><td>Wed</td><td>Thu</td><td>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><td colspan="5">Lunch</td></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>

Code:

```
<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>
```

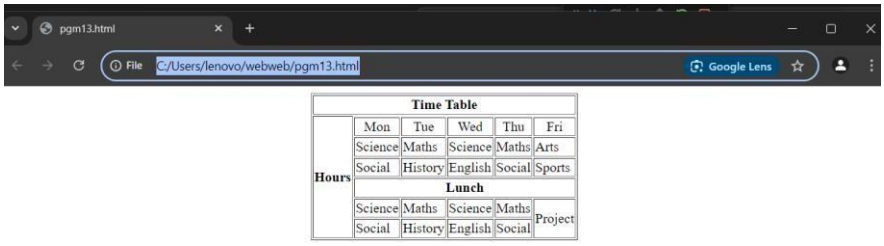
```
  <td>Science</td>
  <td>Maths</td>
  <td>Arts</td>
</tr>
<tr>
  <td>Social</td>
  <td>History</td>
  <td>English</td>
  <td>Social</td>
  <td>Sports</td>
</tr>
<tr><th colspan="5">Lunch</th></tr>

<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

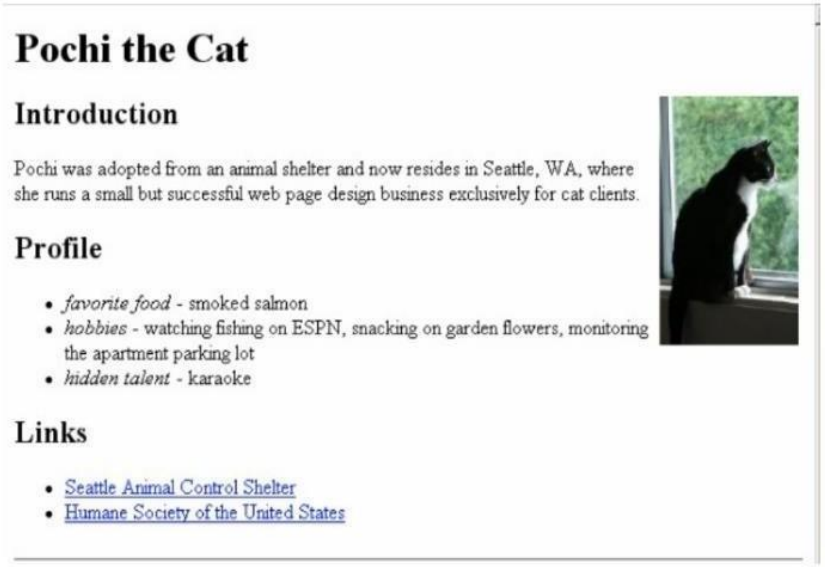
The above program was successfully executed

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	

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



Pochi the Cat

Introduction

Pochi was adopted from an animal shelter and now resides in Seattle, WA, where she runs a small but successful web page design business exclusively for cat clients.

Profile

- *favorite food* - smoked salmon
- *hobbies* - watching fishing on ESPN, snacking on garden flowers, monitoring the apartment parking lot
- *hidden talent* - karaoke

Links

- Seattle Animal Control Shelter
- Humane Society of the United States

Code:

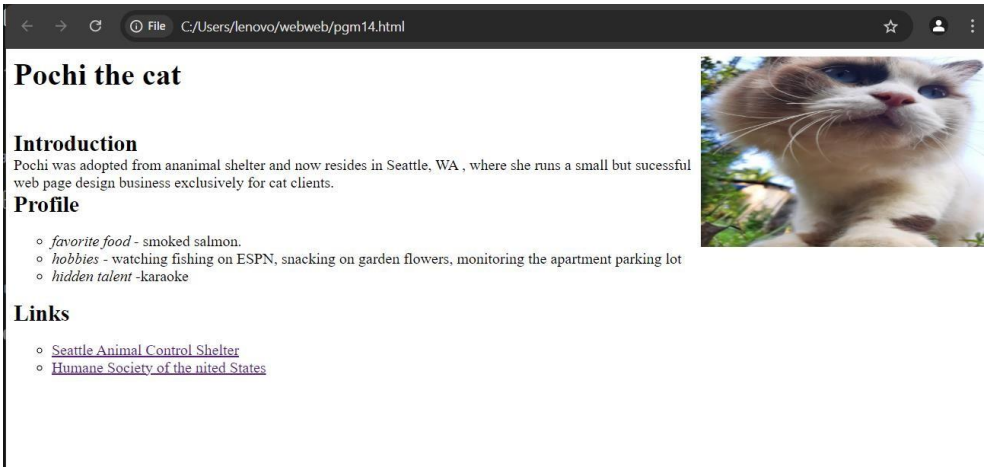
```
<html>

<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 an animal shelter and now resides in Seattle, WA , where she runs a small but successful 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 above program was successfully executed

Output:



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

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>

<ahref="https://www.youtube.com/" >

<br>

 </body>

</html>
```

RESULT

The above program was successfully executed

Output:

Click the following links to visit the websites

W3 Schools
Tutorials Point
Youtube

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

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>
```

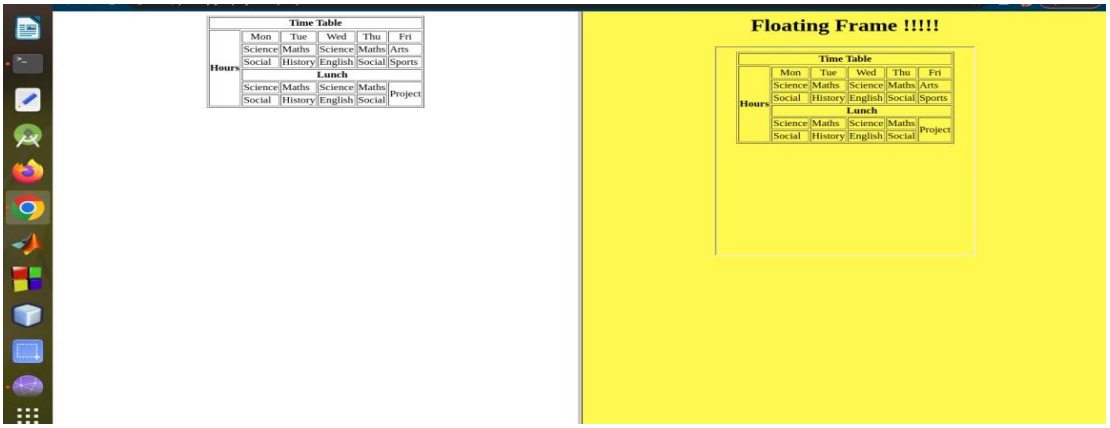
C2.2.html

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

RESULT

The above program was successfully executed

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

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

Internal & Inline CSS

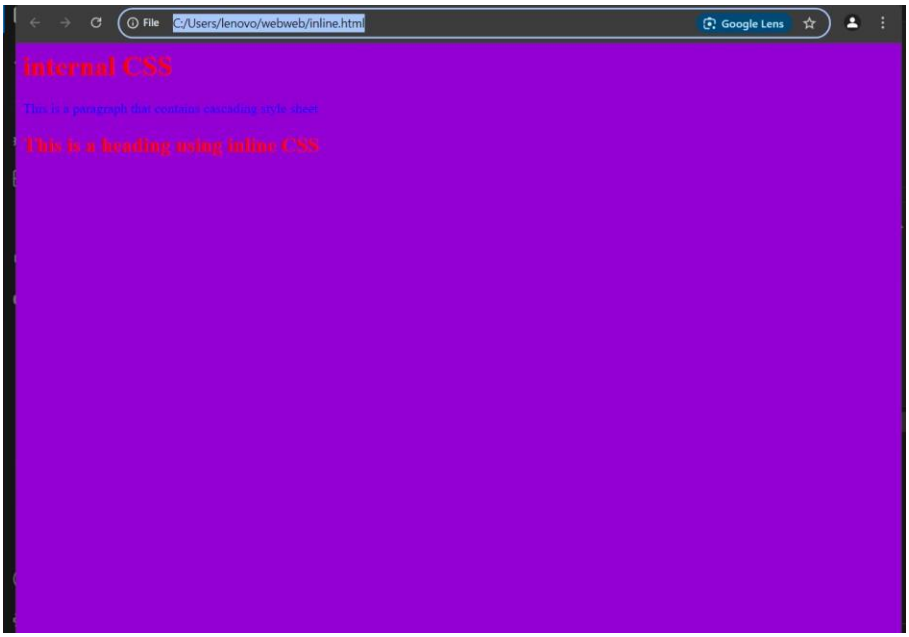
Code:

```
<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>
```

RESULT

The above program was successfully executed

Output 1:



External CSS

excess.html

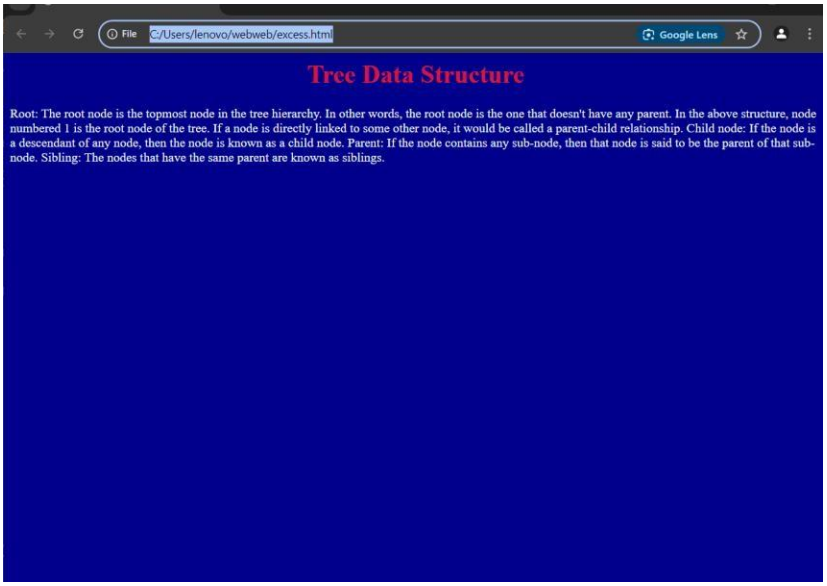
```
<html>
<head>
<link rel="stylesheet" href="style.css">
</head>
<body>
<h1>Tree Data Structure</h1>
<p>Root: The root node is the topmost node in the tree hierarchy. In other words, the root node is the one that doesn't have any parent. In the above structure, node numbered 1 is the root node of the 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;
}
```

Output 2:



18. Create a registration form using HTML.

Code:

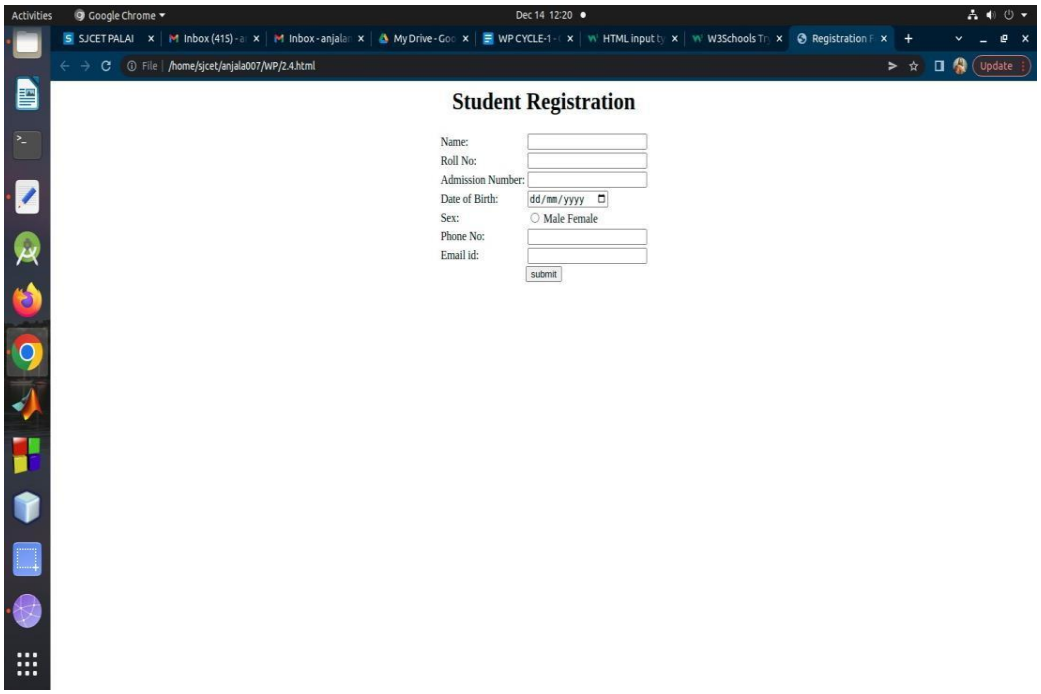
```
<html>
    <head>
        <title>Registration Form</title>
    </head>
    <body>
      <h1><center>Student Registration</center></h1>
        <table align="center">
       <form action="" method="">
            <tr><td>Name:</td>
                <td><input type="text"></td>
            </tr>
           <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>
                                                <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 above program was successfully executed

Output:


Activities
Google Chrome
Dec 14 12:20
SJCET PALAI
Inbox (415) - a
Inbox - anjala
My Drive - Goo
WP CYCLE-1 - (
HTML input t
W3Schools Tr
Registration F
File | /home/sjcet/anjala007/WP/2.4.html
Update
Student Registration
Name:
Roll No:
Admission Number:
Date of Birth:
dd/mm/yyyy
Sex:
Male Female
Phone No:
Email id:
submit

19. 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

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>
```

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.
</body>
</html>

coloesiuum.html

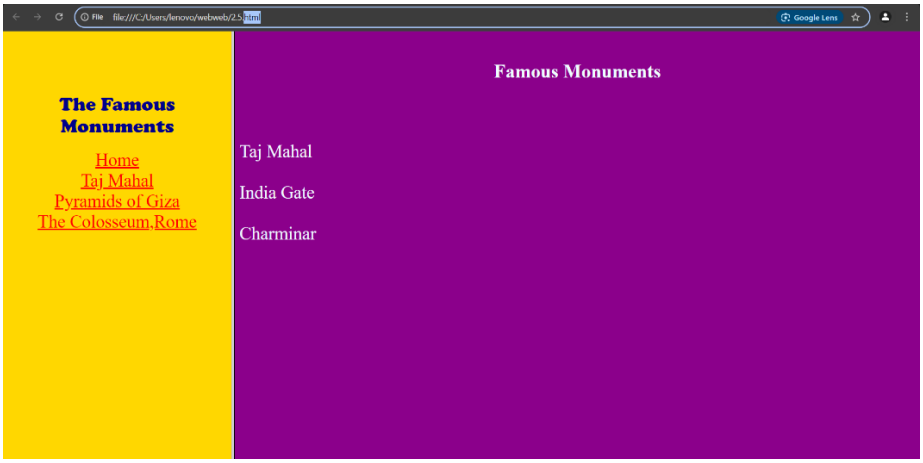
```
<html>
<style>
body{
font-family: times new roman;
font-size: 20px;
background-color: DarkBlue;
}
h1{
color: Azure;
text-align: center;
}
p{
color:Linen;
}
</style>
<body>
<h1>The Colosseum,Rome</h1>
<center><img src="colossem.jpeg" style="width:350px;height: 200px"></center>
<p>The Colosseum is 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
```

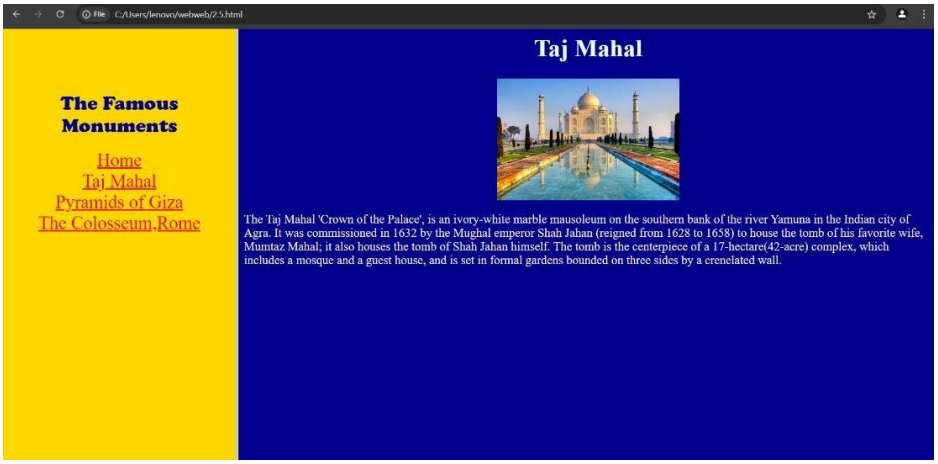
association with their family name (Flavius).The Colosseum is built of travertine limestone, tuff (volcanic rock), and brick-faced concrete. </p>
</body>
</html>

RESULT

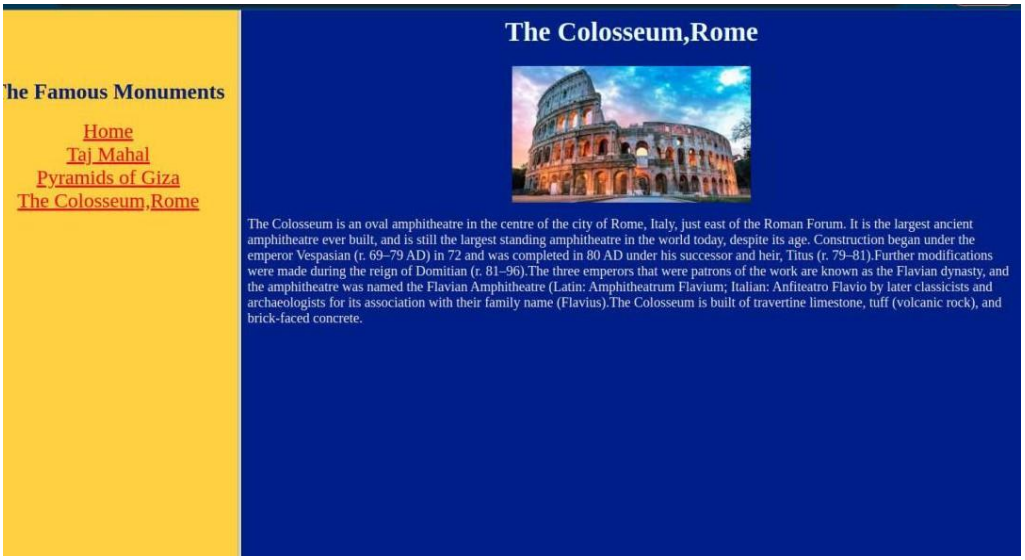
The above program was successfully executed

Output






2.5.html
File C:/Users/lenovo/webweb/2.5.html
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.
Search
ENG
IN
12:09
26-12-2024


he 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 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.

20. 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.

Code:

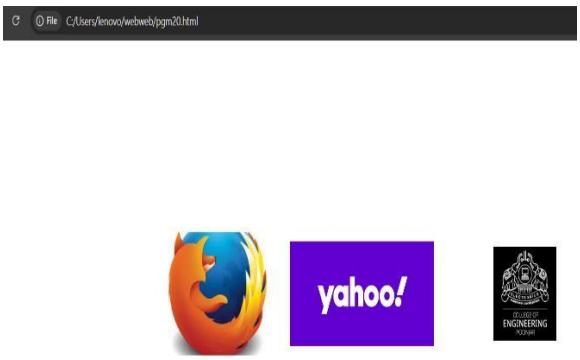
```
<html>

<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=""

height="100%"width="100%"></a></td>

<td><a href="https://www.yahoo.com/"><img src=""

height="80%"width="80%"></a></td>

<td><a href=”http://cep.ac.in img src="" height="50%"

width="50%"></a></td>

</tr>
```

```
</table>

</body>

</html>
```

RESULT

The above program was successfully executed

Output:



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

Code:

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

RESULT

The above program was successfully executed

Output

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

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 above program was successfully executed

Output:

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

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 above program was successfully executed

Output:

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

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 above program was successfully executed

Output:

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

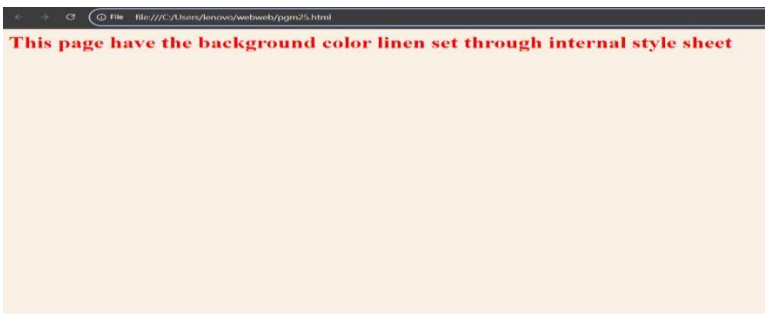
Code:

```
<html>
<head>
<style>
body{
    background-color:linen
}
</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 above program was successfully executed

Output:



26. Set the background color for visited and unvisited links to "light blue", and the background color for the hover and active link states to "yellow".

Code:

```
<html>
<head>
<title></title>
</head>
<style>
a{background-color: lightblue;}
a:hover{background-color: yellow;}
</style>
<body>
<p><a href="https://www.youtube.com/" target="_blank">YOUTUBE</a></p><br>
<p><a href="https://www.w3schools.com/" target="_blank">W3 Schools</a></p><br>
<p><a href="https://www.google.com/" target="_blank">GOOGLE</a></p><br>
</body>
</html>
```

RESULT

The above program was successfully executed

Output:

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

Code:

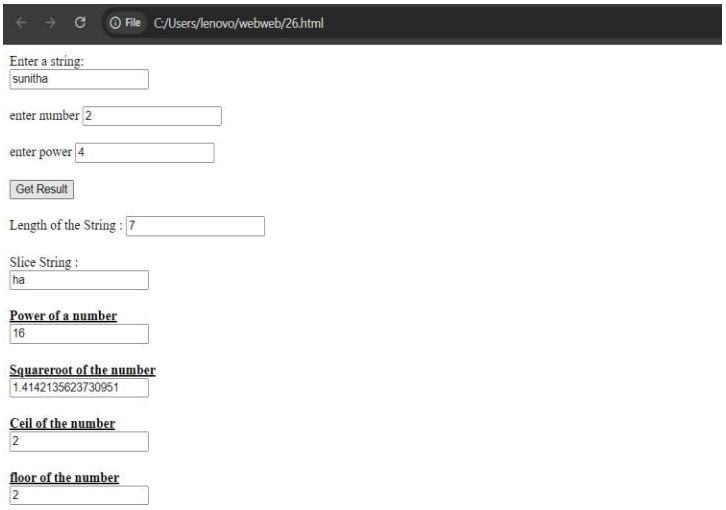
```
<html>
<body>
            <label>Enter a string:</label><br>
        <input type="text" name="str" id="str1"><br><br>
        <label>enter number</label>
    <input type="text" name="text1" id="id1"><br><br>
     <label>enter power</label>
     <input type="text" name="text2" id="id2">
   <script 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 above program was successfully executed

Output


File C:/Users/lenovo/webweb/26.html
Enter a string:
sunitha
enter number 2
enter power 4
Get Result
Length of the String : 7
Slice String :
ha
Power of a number
16
Squareroot of the number
1.4142135623730951
Ceil of the number
2
floor of the number
2

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

Code:

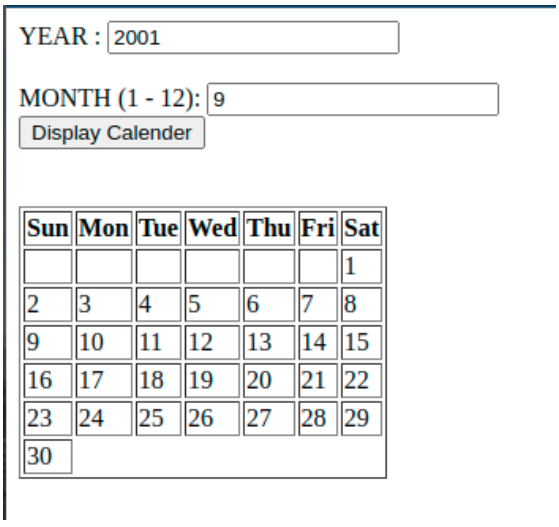
```
<html>
<body>
YEAR : <input type="text" id="year_get"><br><br>
MONTH (1 - 12): <input type="text" id="month_get"><br>
<input type="button" id="subtn" value="Display Calender"
onclick="generate()" ><br><br><br>
<div id="content"> </div>
</body>
<script>
function generate()
{
var init_content = "<table BORDER=1
id='calender'><tr><th>Sun</th><th>Mon</th><th>Tue</th><th>Wed</th><th
>Thu</th><th>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 above program was successfully executed

Output:



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

Code:

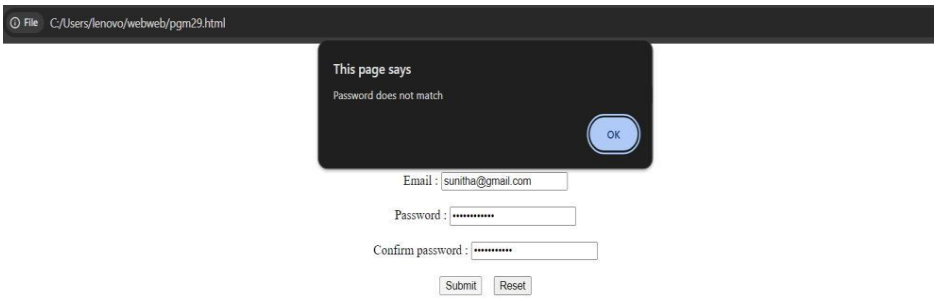
```
<html>
    <head>
    <script type="text/javascript">
            function check()
                {
                  if(document.getElementById('name').value == "")
                  alert("Please enter your name");
                  if(document.getElementById('user').value == "")
                  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 above program was successfully executed

Output:



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

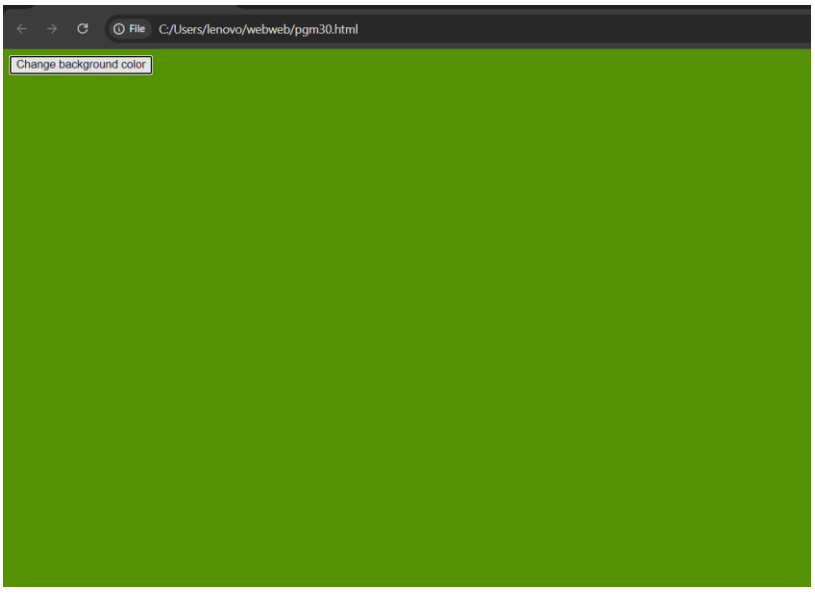
Code:

```
<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 above program was successfully executed

Output:



31. 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

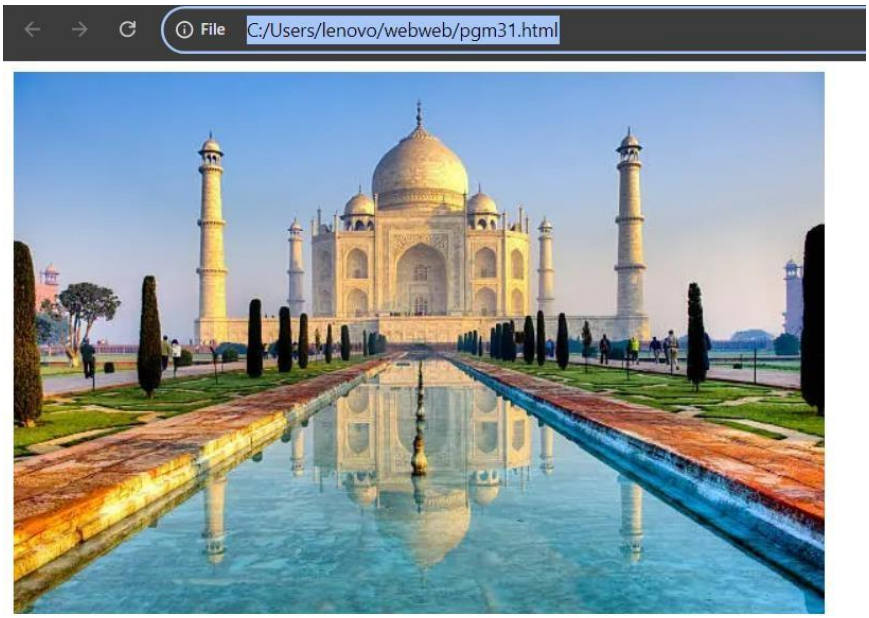
Code:

```
<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 above program was successfully executed

Output:



Taj Mahal,Agra

32. Create a HTML page to show online exams using JavaScript

Code:

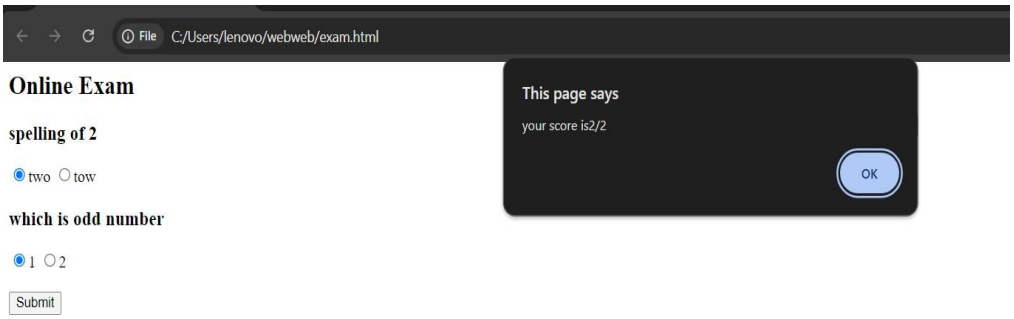
```
<html>
<head>
<script type="text/javascript">
var i=0;
function exam()
{
if(document.f1.n1[0].checked)
i=i+1;
if(document.f1.n2[0].checked)
i=i+1;
alert("your score is"+i+"/2");
}
</script>
</head>
<body>
<h2>Online Exam</h2>
<form name="f1">
<h3>spelling of 2</h3>
<input type="radio" id="2" name="n1" 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 above program was successfully executed

Output:



33. Outline a registration form using PHP and do necessary validations.

Code:

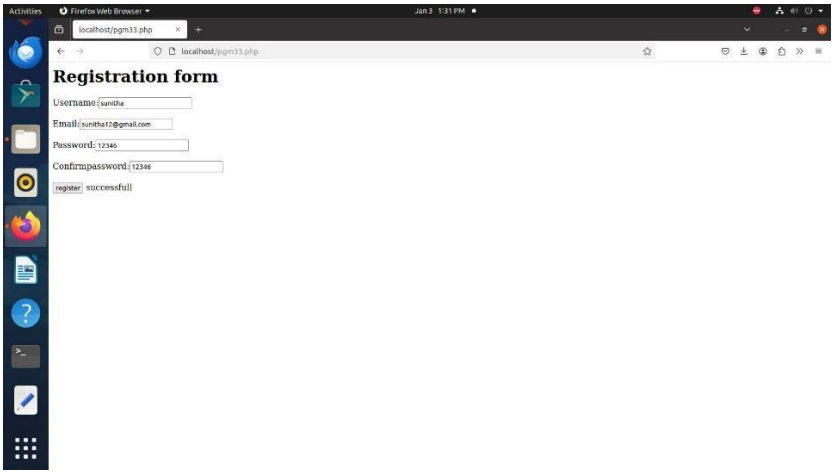
```
<html>
<body>
<h1>Registration form</h1>
<form action = "" method = "POST">
Username : <input type="text" name="username"><br> <br>
Email : <input type="text" name="email"><br> <br>
Password : <input type="text" name="pass"><br> <br>
Confirm password : <input type="text" name="cpass"><br> <br>
<input 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 above program was successfully executed

Output:



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

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) {
```

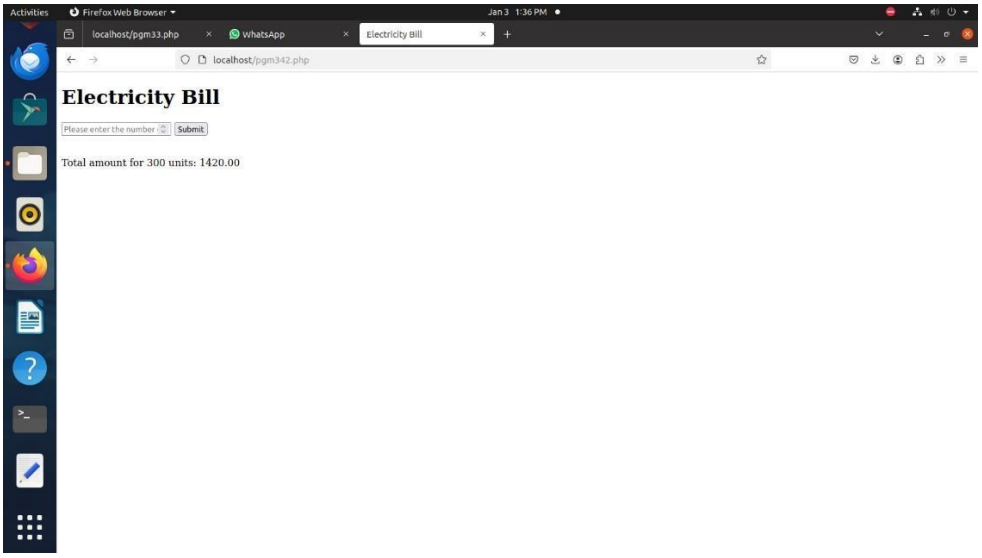
```
$temp = 50 * $unit_cost_first;
$remaining_units = $units - 50;
$bill = $temp + ($remaining_units * $unit_cost_second);
}
else if($units > 100 && $units <= 200) {
$temp = (50 * 3.5) + (100 * $unit_cost_second);
$remaining_units = $units - 150;
$bill = $temp + ($remaining_units * $unit_cost_third);
}
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 above program was successfully executed

Output:



35. 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.

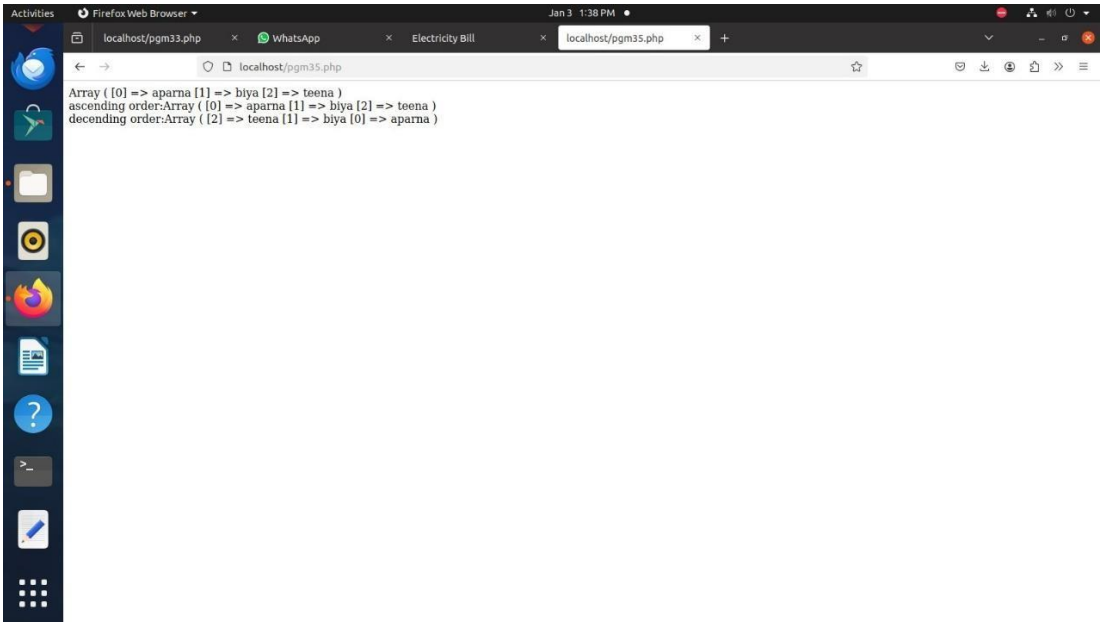
Code:

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

RESULT

The above program was successfully executed

Output:



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

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 above program was successfully executed

Output:

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

37. Develop a PHP program to connect to a database and retrieve data from a table and

show the details in a neat format.

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

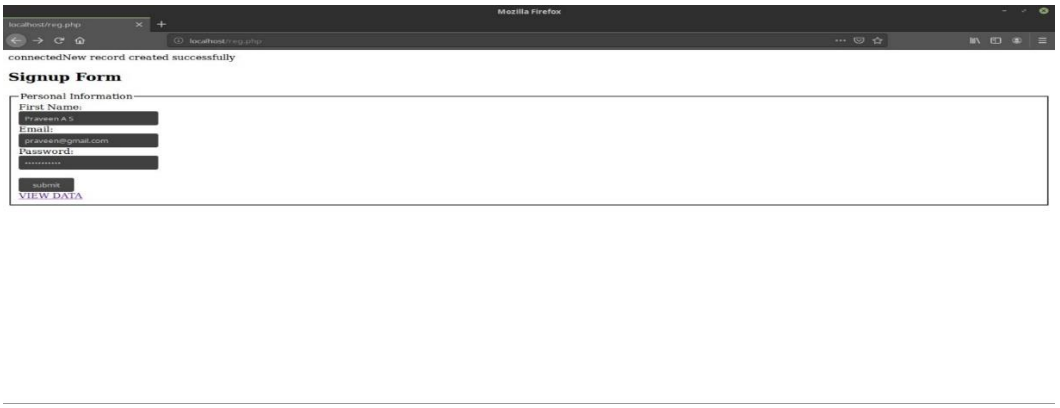
```
<?php
include "config.php";
$sql = " SELECT * FROM `local` " ;
$result=$conn->query($sql);
?>
<html>
<head>
<title>view page</title>
</head>
<body>
<div class="container">
<h2>VIEW</h2>
<table border="1">
<tr>
<th>sino</th>
<th>Name</th>
<th>Email</th>
<th>Password</th>
</tr>
<?php
if($result->num_rows>0)
{
while($row=$result->fetch_assoc())
```

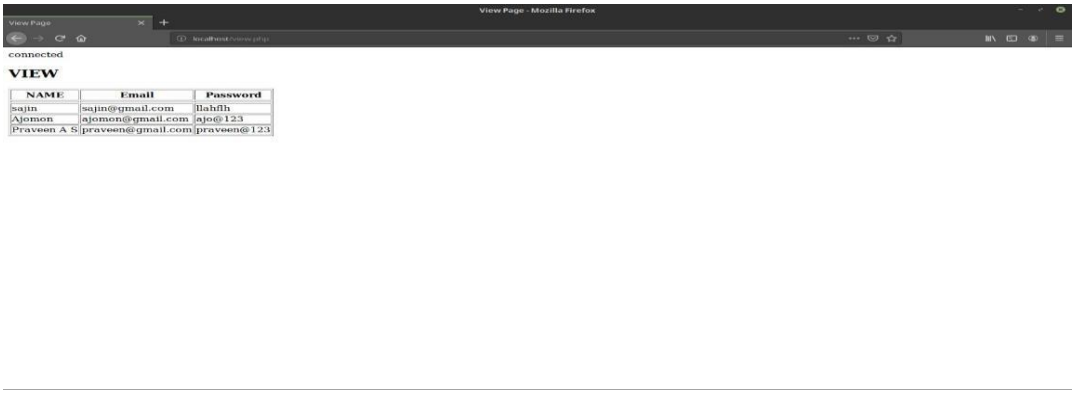
```
{
?>
<tr>
<td><?php echo $row['slno'];?></td>
<td><?php echo $row['Name'];?></td>
<td><?php echo $row['Email'];?></td>
<td><?php echo $row['password'];?></td>
<?php
}
}
?>
</table>
</html>
```

RESULT

The above program was successfully executed

Output:


Mozilla Firefox
localhost/reg.php
connectedNew record created successfully
Signup Form
Personal Information
First Name:
Praveen A S
Email:
praveen@gmail.com
Password:
Submit
VIEW DATA


View Page - Mozilla Firefox
View Page
localhost/view.php
connected
VIEW
NAME Email Password
sajin sajin@gmail.com llahflh
Ajomon ajomon@gmail.com ajo@123
Praveen A S praveen@gmail.com praveen@123

38. 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.

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 above program was successfully executed

Output:

connection successfulnew record created successfully

Register

Ano
2

Title
Wings of fire
Author
Dr.A.P.J Abdul Kalam
Edition
1
Publisher
DC Books
register

VIEW DATA

connection successful

sino	title	author	edition	publisher
1	Programming in C	E. Balaguruswammy	3	Mc Growhill