# WEB PROGRAMMING LAB

## (20 MCA 133)

## LAB RECORD

*Submitted in partial fulfillment of the requirements for the award of the degree of*

*Master of Computer Applications of A P J Abdul Kalam Technological University*

**Submitted by:**

**ANUMOL THOMAS (SJC22MCA-2011)**


## MASTER OF COMPUTER APPLICATIONS

**ST.JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAI**

**CHOONDACHERRY P.O, KOTTAYAM**

**KERALA**

**February 2023**

# ST. JOSEPH' S COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAI

(*An ISO 9001: 2015 Certified College*)
CHOONDACHERRY P.O, KOTTAYAM KERALA

# *CERTIFICATE*

*This is to certify that the Data Structure Lab Record (20 MCA 133)* ***submitted*** *by* ***Anumol Thomas*** *student of* ***First*** *semester* ***MCA*** *at* ***ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAI*** *in partial fulfillment for the award of Master of Computer Applications is a bonafide record of the lab work carried out by him under our guidance and supervision. This record in any form has not been submitted to any other University or Institute for any purpose.*

**Asst. Prof. Akhil Sekharan**
**(Faculty In– Charge)**

**Asst. Prof. Anish Augustine K**
**(HoD In Charge–MCA)**

Submitted for the End Semester Examination held on

**Examiner 1:**

**Examiner 2:**

# DECLARATION

I **Anumol Thomas**, do hereby declare that the *Web Programming Lab(20 MCA 133)* is a record of work carried out under the guidance of Mr. Akhil Sekharan, Asst.Professor, Department of Computer Application, SJCET, Palai as per the requirement of the curriculum of Master of Computer Applications Programme of A P J Abdul Kalam Technological University, Thiruvananthapuram. Further, I also declare that this record has not been submitted, full or part thereof, in any University / Institution for the award of any Degree / Diploma.

Place: Choondacherry
Date :

Anumol Thomas
(SJC22MCA-2011)

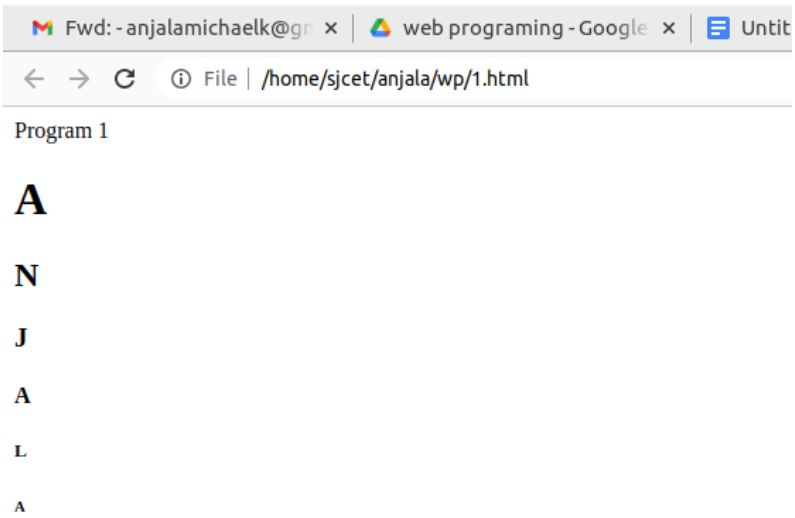
# INDEX

1. **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>N</h2><h3>J</h3><h4>A</h4><h5>L</h5><h6>A</h6>
</body>
</html>
```

## Output :



## 2. Display the following text:

$H_2O$

$12^{th}$ April 2016

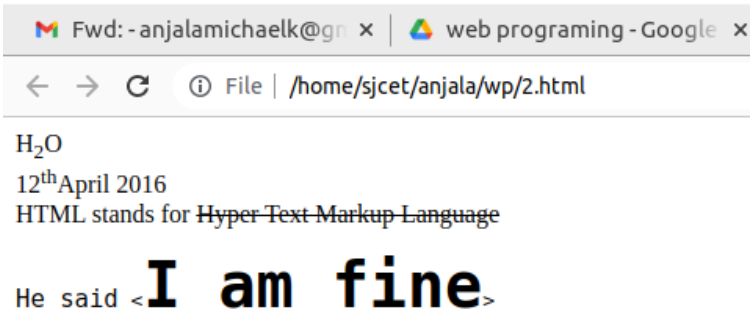
HTML stands for ~~High Text Markup Language~~

He said <**I am fine**>

## Code :

```
<html>
<body>
 H<sub>2</sub>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>
```

## Output :

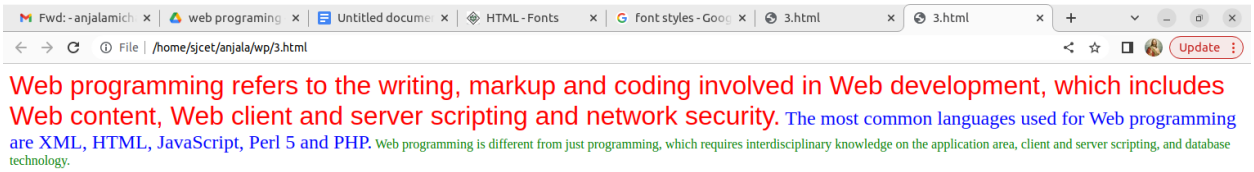


**3. Print a paragraph with 4 - 5 sentences. Each sentence should be a different font.**

## 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>
```

## Output :

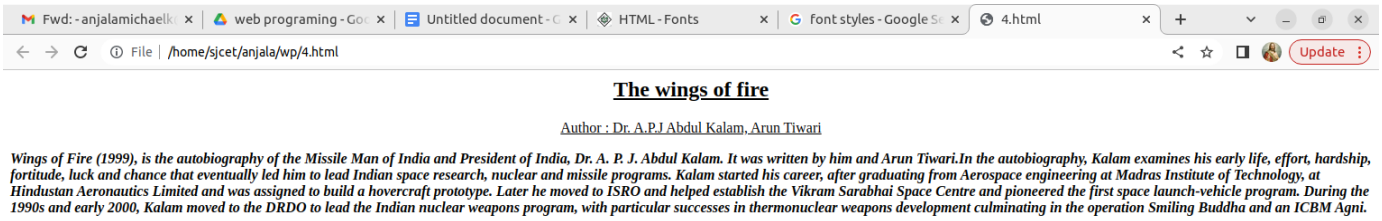


4. **Print a paragraph that is a description of a book, include the title of the book as well as its author. Names and titles should be underlined, adjectives should be italicized and bolded.**

## 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>
```

## Output :

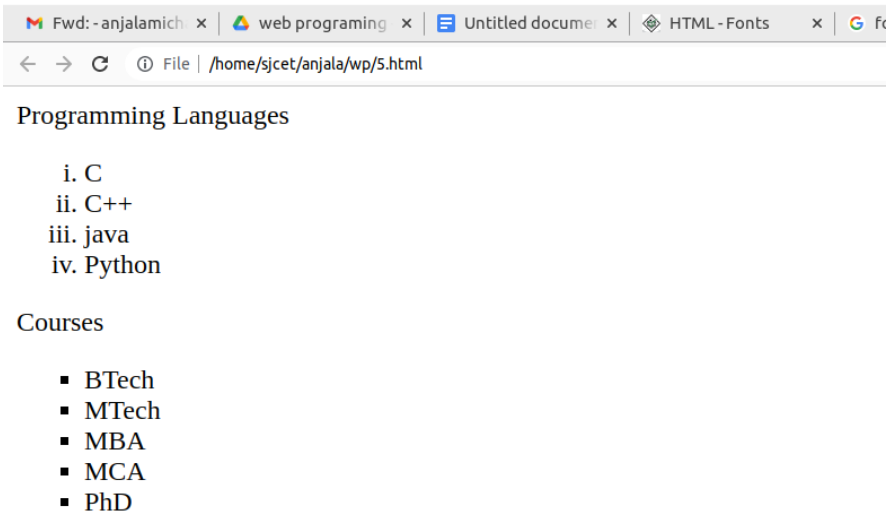


5. **Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.**

## 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>
```

## Output :

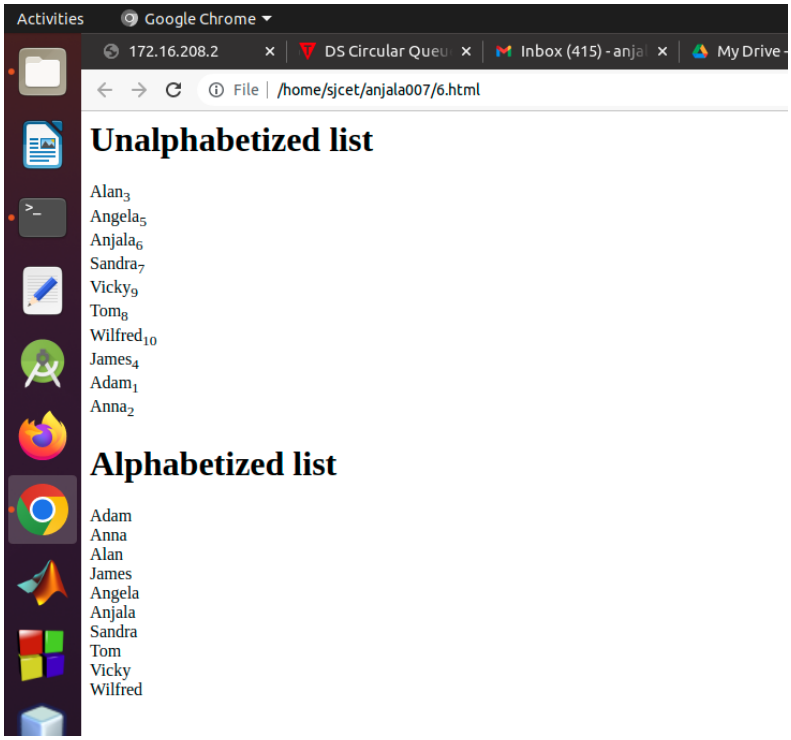


6. **Prints 10 names with a line break between each name. The list should be alphabetized, and to do this place a subscripted number next to each name based on where it will go in the alphabetized list. (Example: Alan$_1$). Print first, the unalphabetized list with a subscript number next to each name, 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<br>
                                Alan<br>
                                James<br>
                                Angela<br>
                                Anjala<br>
                                Sandra<br>
                                Tom<br>
                                Vicky<br>
                                Wilfred<br>
</body>
</html>
```

**Output:**

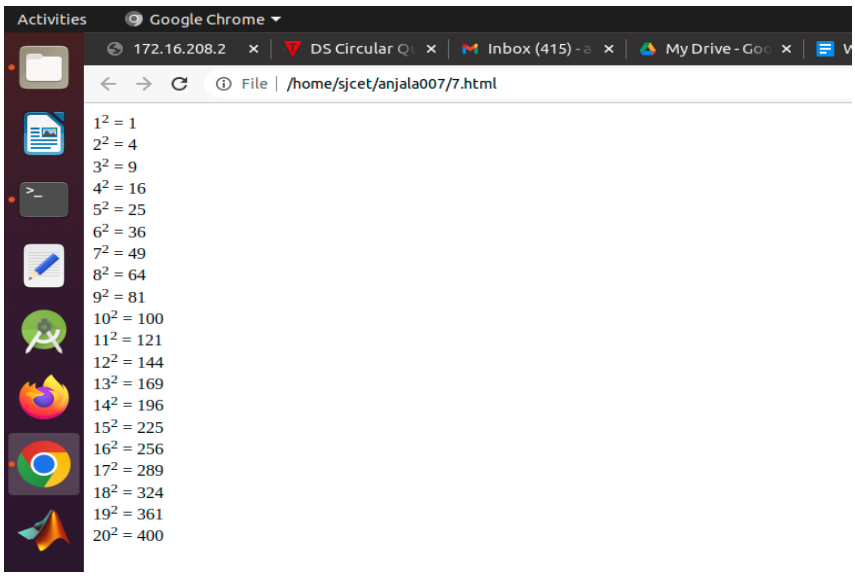

Activities
Google Chrome
172.16.208.2
DS Circular Queu
Inbox (415) - anja
My Drive
File | /home/sjcet/anjala007/6.html
Unalphabetized list
Alan3
Angela5
Anjala6
Sandra7
Vicky9
Tom8
Wilfred10
James4
Adam1
Anna2
Alphabetized list
Adam
Anna
Alan
James
Angela
Anjala
Sandra
Tom
Vicky
Wilfred

**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>
```

## Output :

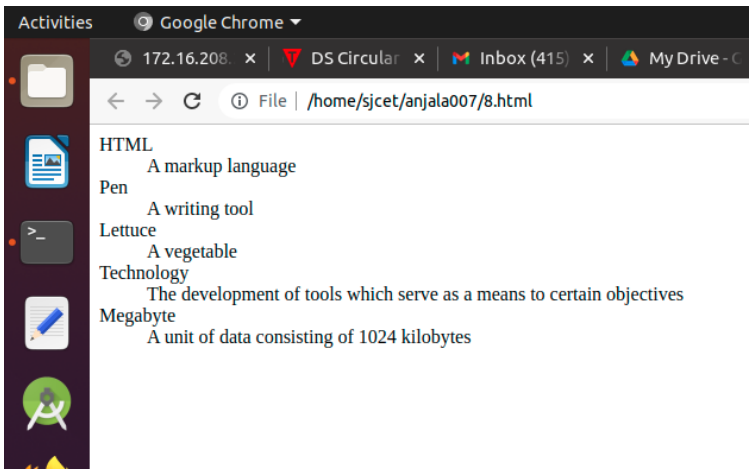


## 8. Print a definition list with 5 items.

## 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>
```

## Output:

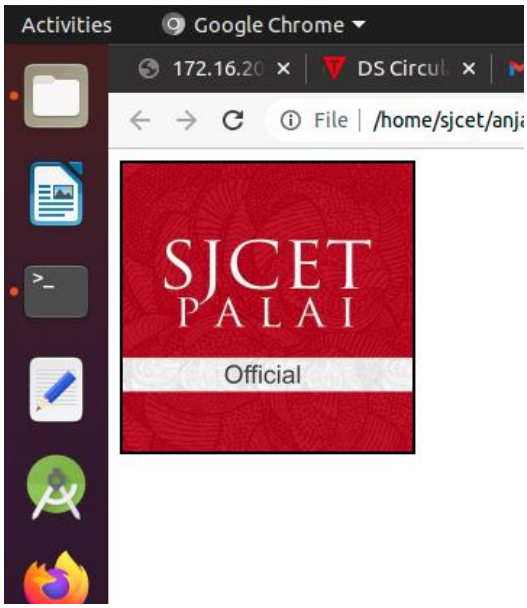


**9. Display an image that has a border of size 2, a width of 200, and a height of 200.**

**Code:**

```
<html>
<body>
<img src="/home/sjcet/anjala007/WP/sjcet-official.jpg" border="2" height="200" width="200"/>
</body>
</html>
```

**Output:**



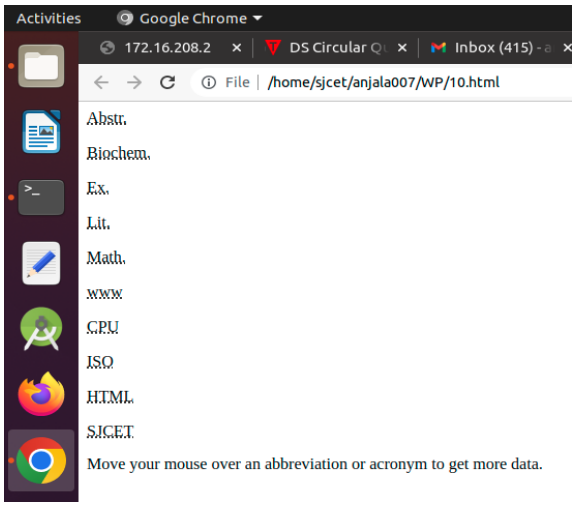
**10. Print ten acronyms and abbreviations of your choosing, each separated by two lines. Specify the data that the abbreviations and acronyms represent.**

## 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 title="International Standards Organization">ISO</acronym>
<br /><br />
<acronym title="Hyper Text Markup Language">HTML</acronym>
<br /><br />
<acronym title="St. Joseph's College of Engineering and Technology">SJCET</acronym>
<p>
Move your mouse over an abbreviation or acronym to get more data.
</p>
</body>
</html>
```

## Output:

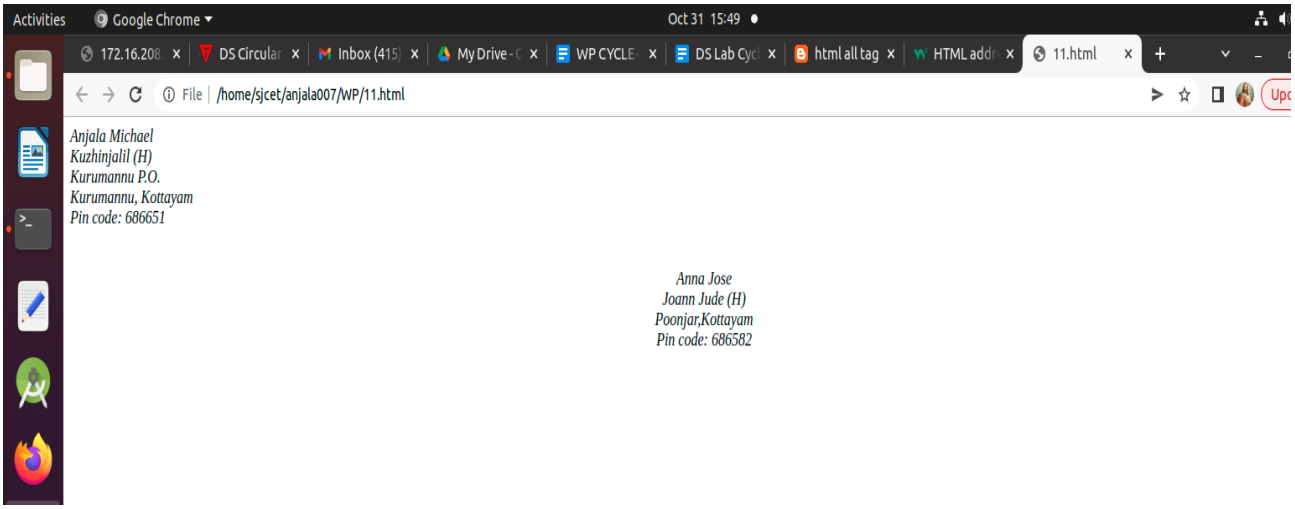


**11. Print two addresses in the same format used on the front of envelopes (sender's address in top left corner, receiver's address in the center)**

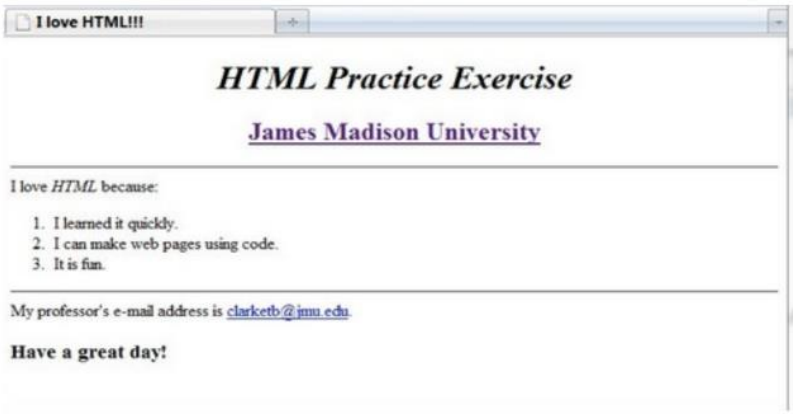
## Code:

```
<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 Jose<br>
Joann Jude (H)<br>
Poonjar,Kottayam<br>
Pin code: 686582
</address>
</center>
</body>
</html>
```

## Output:



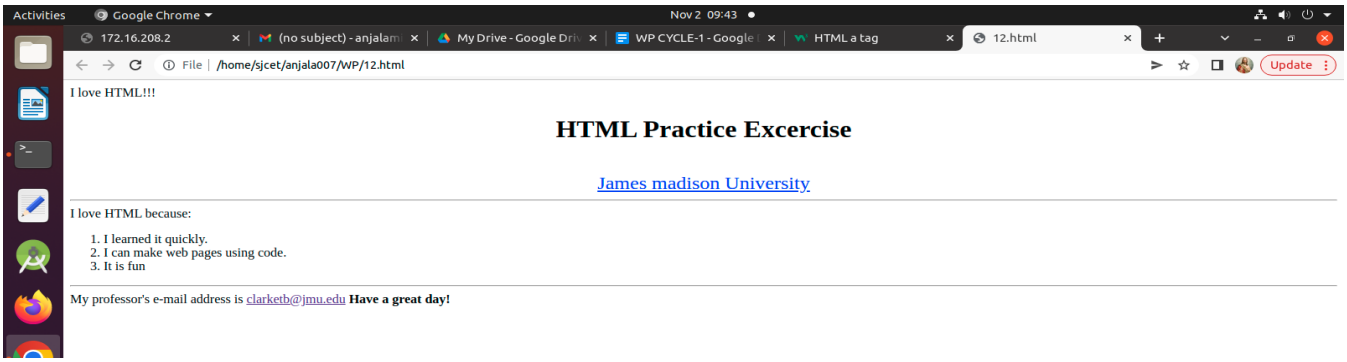
## 12. Create an HTML page with the following contents:




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

## Output:



## 13. Create the following table.

<table>
<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>

## Code:

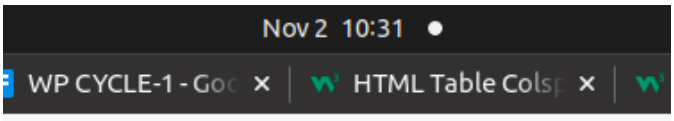
```
<html>
<body>
<table align="center" border="1">
<tr><th colspan="6">Time Table</th></tr>
<tr><th rowspan="7">Hours</th></tr>

<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>
```

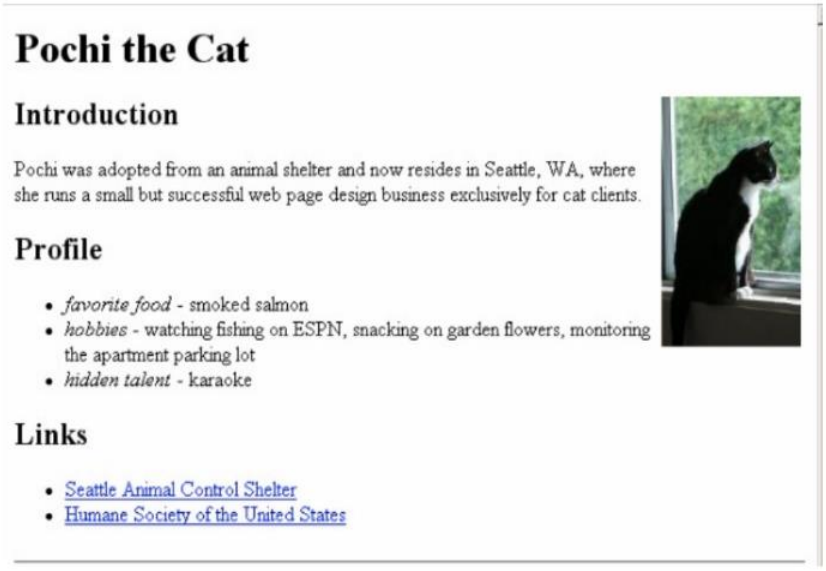
```
<tr>
  <td>Social</td>
  <td>History</td>
  <td>English</td>
  <td>Social</td>
</tr>
</table>
</body>
</html>
```

**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 | |

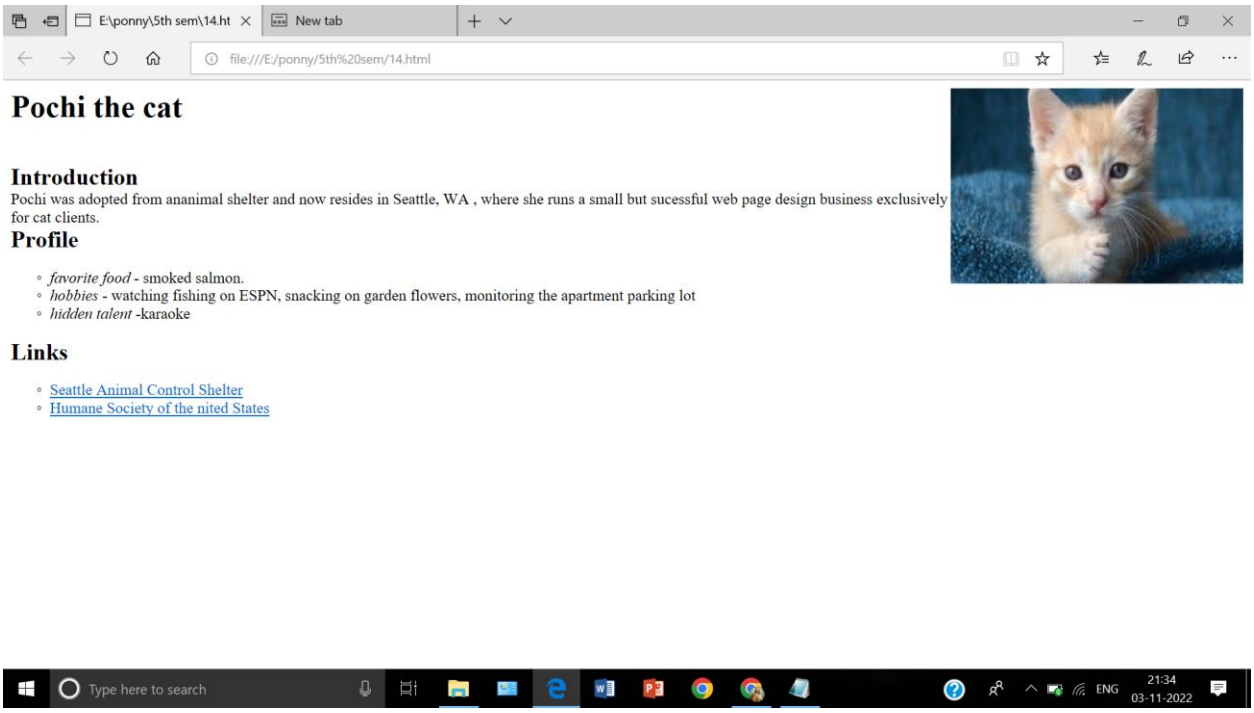
**14. Create a HTML Page which looks like the one given below.**




## 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 ananimal 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>
```

## Output:

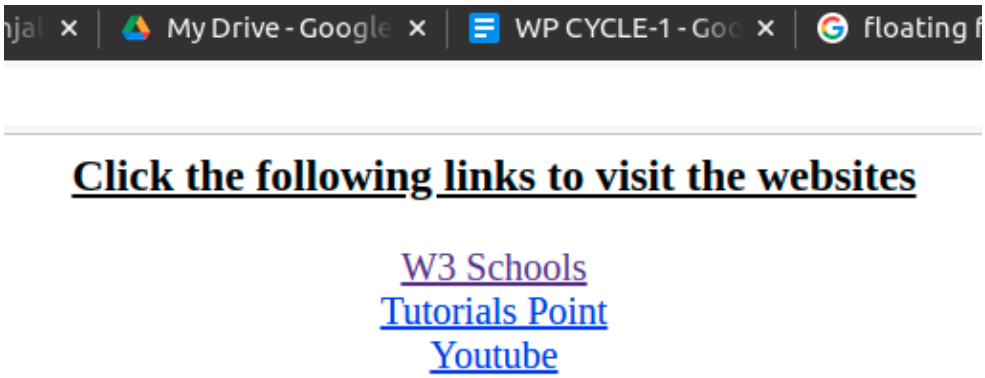

E:\ponny\5th sem\14.ht
New tab
file:///E:/ponny/5th%20sem/14.html
Pochi the cat
Introduction
Pochi was adopted from ananimal shelter and now resides in Seattle, WA , where she runs a small but sucessful web page design business exclusively for cat clients.
Profile
favorite food - smoked salmon.
hobbies - 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 nited States
Type here to search
ENG
21:34
03-11-2022

**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>
<a href="https://www.youtube.com/" target="_blank">Youtube</a><br>
</body>
</html>
```

## Output:



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

## Code:

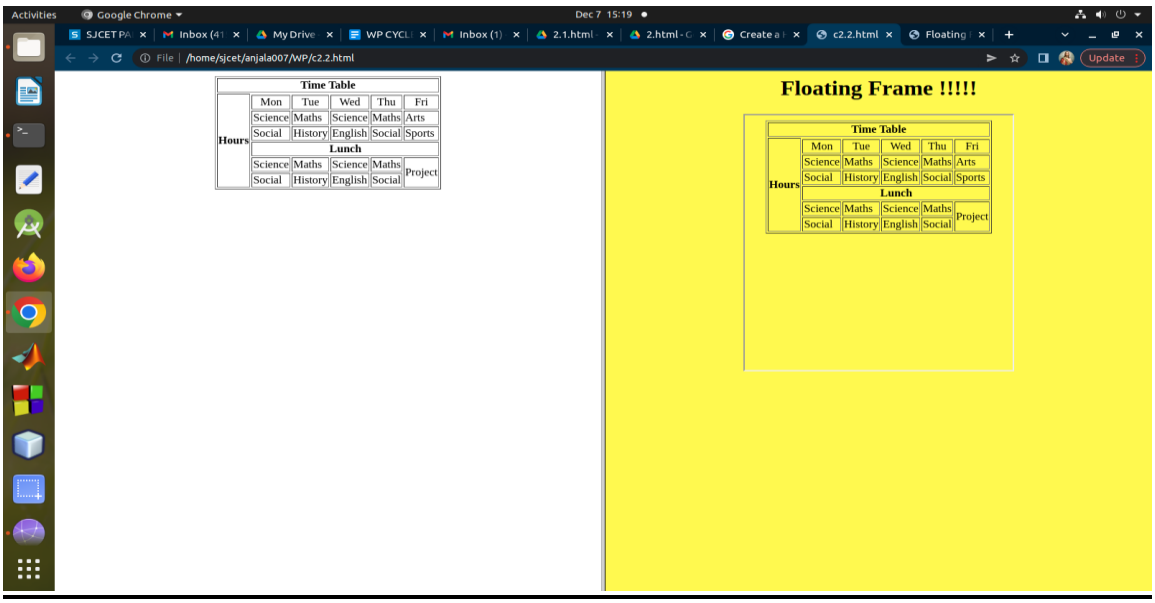
**c2.html**

```
<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>
```

## Output :



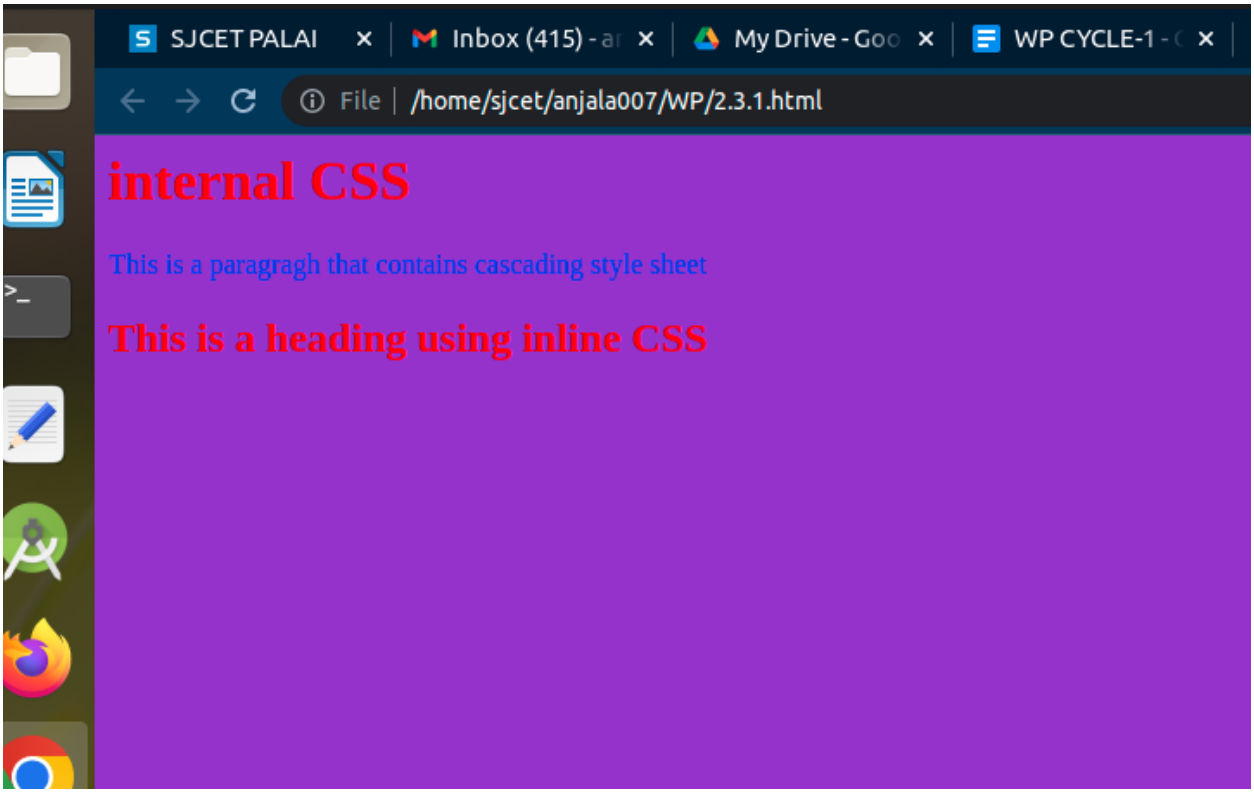
**17. Create a HTML file by applying the different styles using inline, external & internal style sheets.**

## 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>
```

**Output 1:**



# External CSS

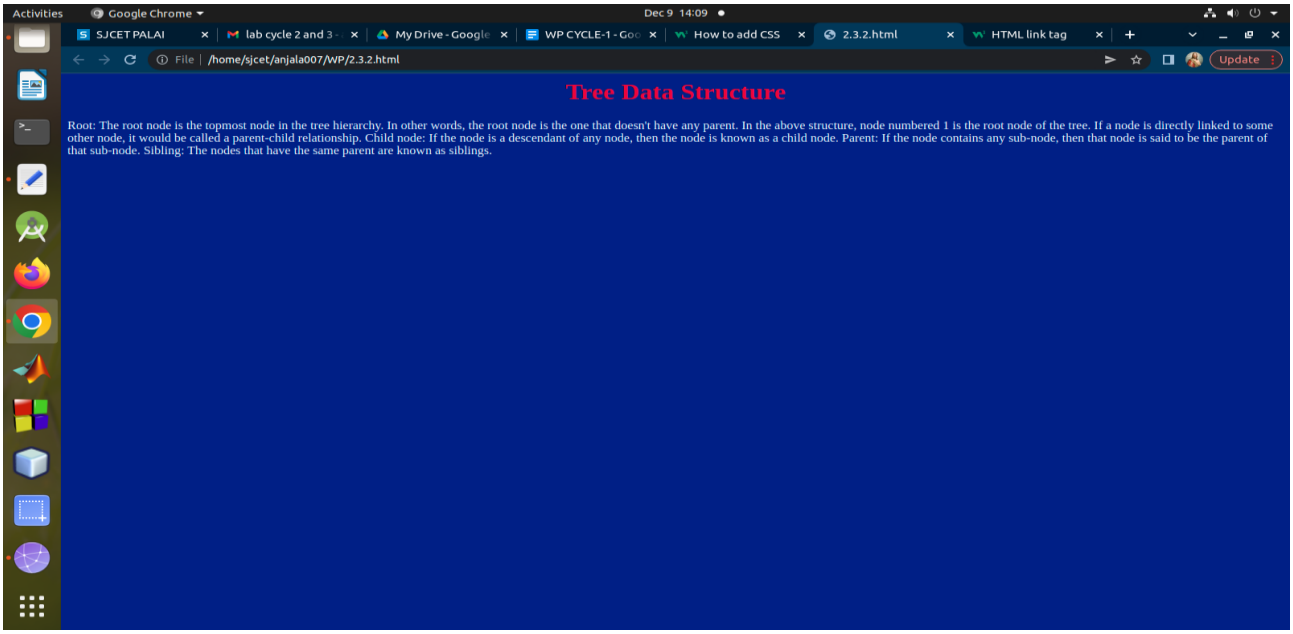
**excess.html**

```
<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:

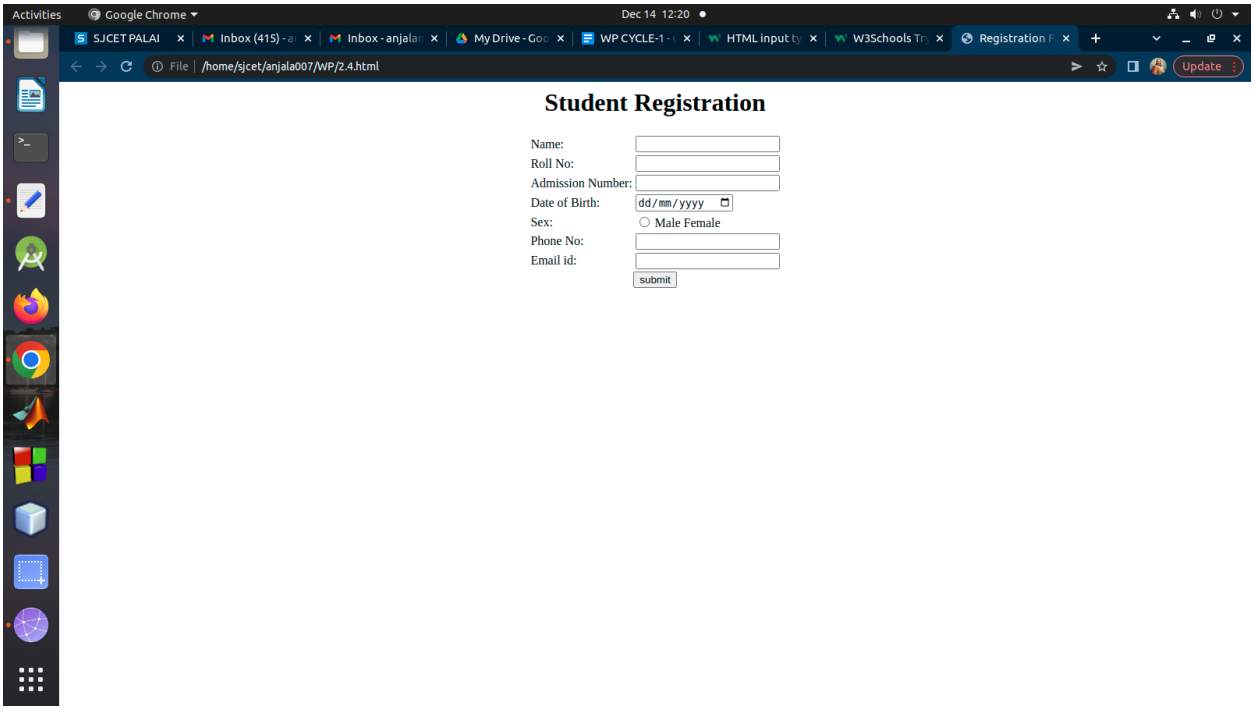


## 18. Create a registration form using HTML.

## 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>
```

## Output:


Activities
Google Chrome
Dec 14 12:20
SJCET PALAI
Inbox (415) - a
Inbox - anjala
My Drive - Goo
WP CYCLE-1 - (
HTML input ty
W3Schools Try
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**

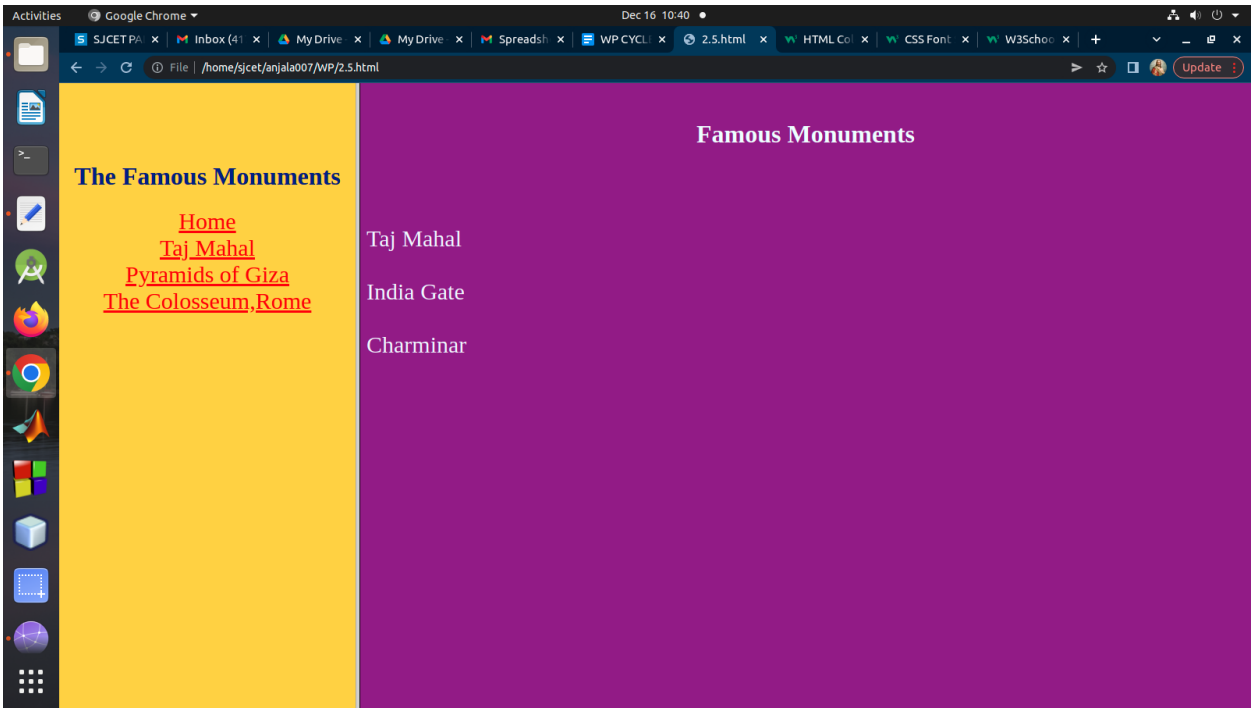
```
<html>
        <style>
                body{
                        font-family: times new roman;
                        font-size: 20px;
                        background-color: DarkBlue;
                }
                h1{
                        color: Azure;
```

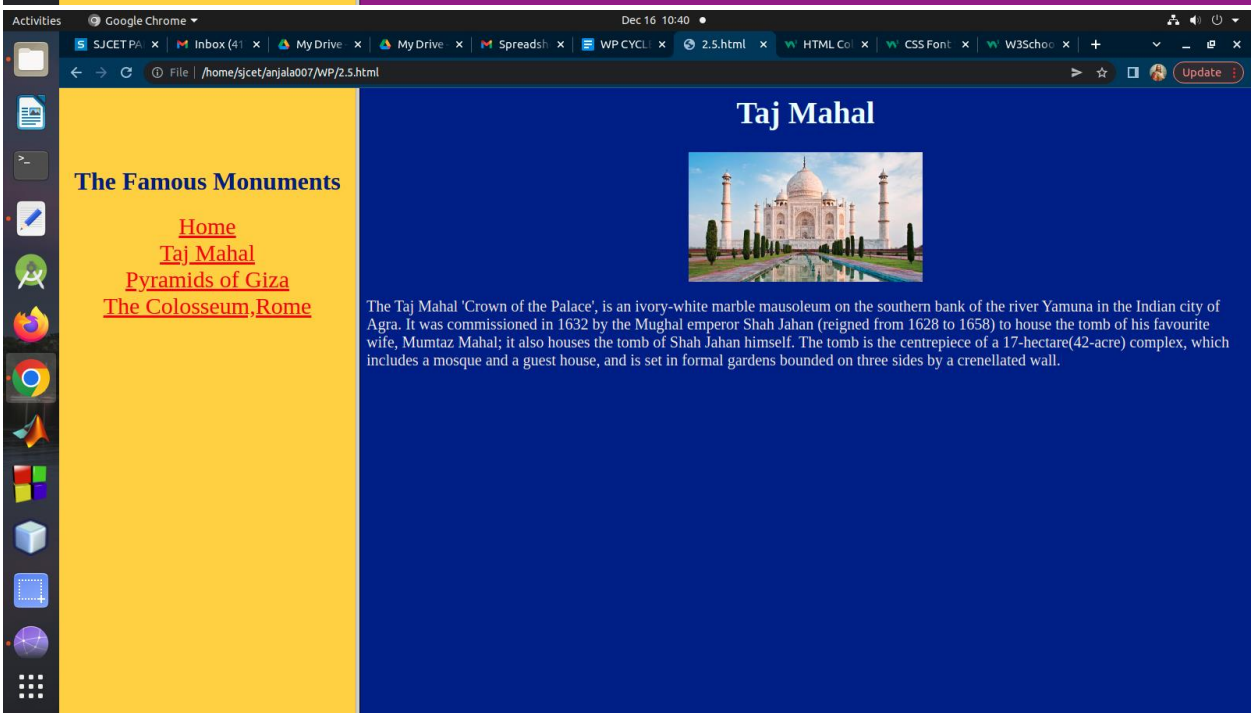
```
                text-align: center;
        }
        p{
                color:Linen;
        }
    </style>
    <body>
        <h1>Great Pyramid of Giza</h1>
        <center><img src="pyramids.jpeg" style="width:350px"></center>
        <p>The Great Pyramid of Giza is the biggest Egyptian pyramid 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>
```

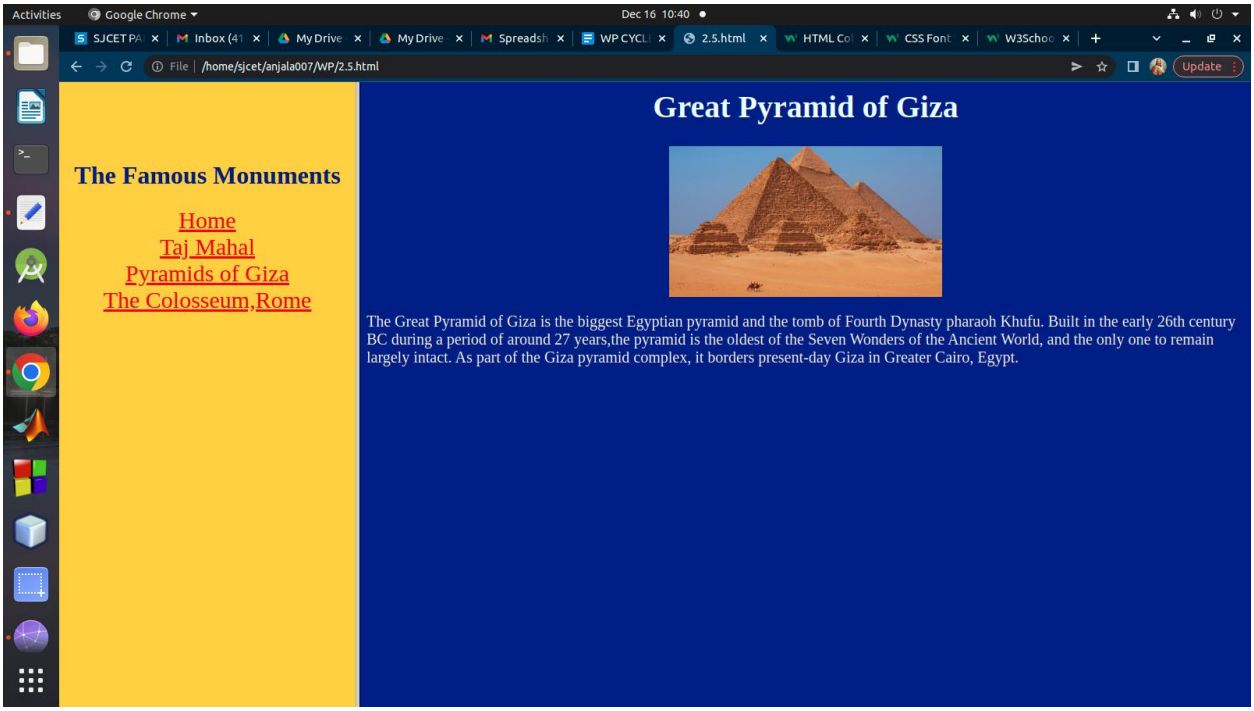
**coloesiuum.html**

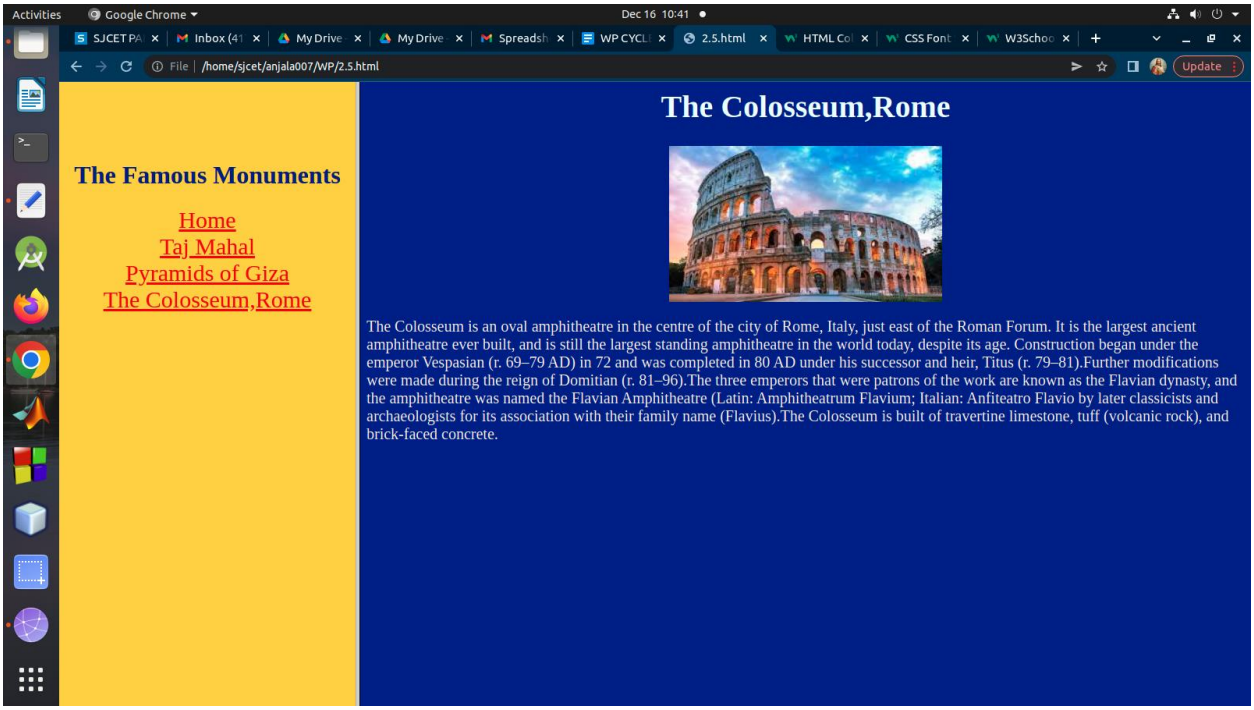
```
<html>
    <style>
    body{
                font-family: times new roman;
                font-size: 20px;
                background-color: DarkBlue;
        }
        h1{
                color: Azure;
                text-align: center;
        }
        p{
                color:Linen;
      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

## Output:


Activities
Google Chrome
Dec 16 10:40
2.5.html
File | /home/sjcet/anjala007/WP/2.5.html
Update
The Famous Monuments
Home
Taj Mahal
Pyramids of Giza
The Colosseum,Rome
Famous Monuments
Taj Mahal
India Gate
Charminar


Activities
Google Chrome
Dec 16 10:40
2.5.html
File | /home/sjcet/anjala007/WP/2.5.html
Update
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.


Activities
Google Chrome
Dec 16 10:40
2.5.html
File | /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.


Activities
Google Chrome
Dec 16 10:41
2.5.html
File | /home/sjcet/anjala007/WP/2.5.html
Update
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 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="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>
```

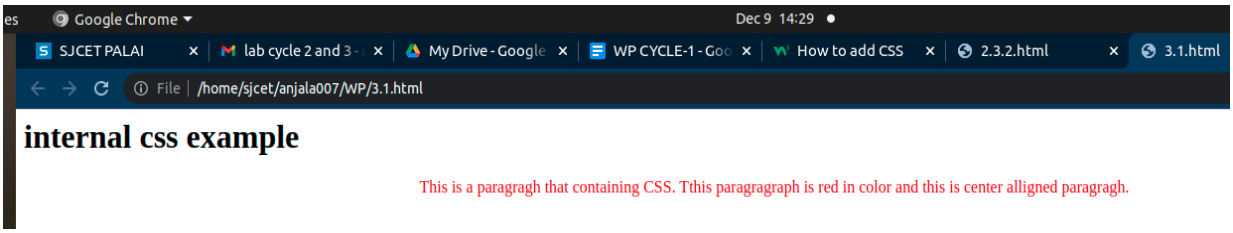
## Output:

## 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>
```

## Output:

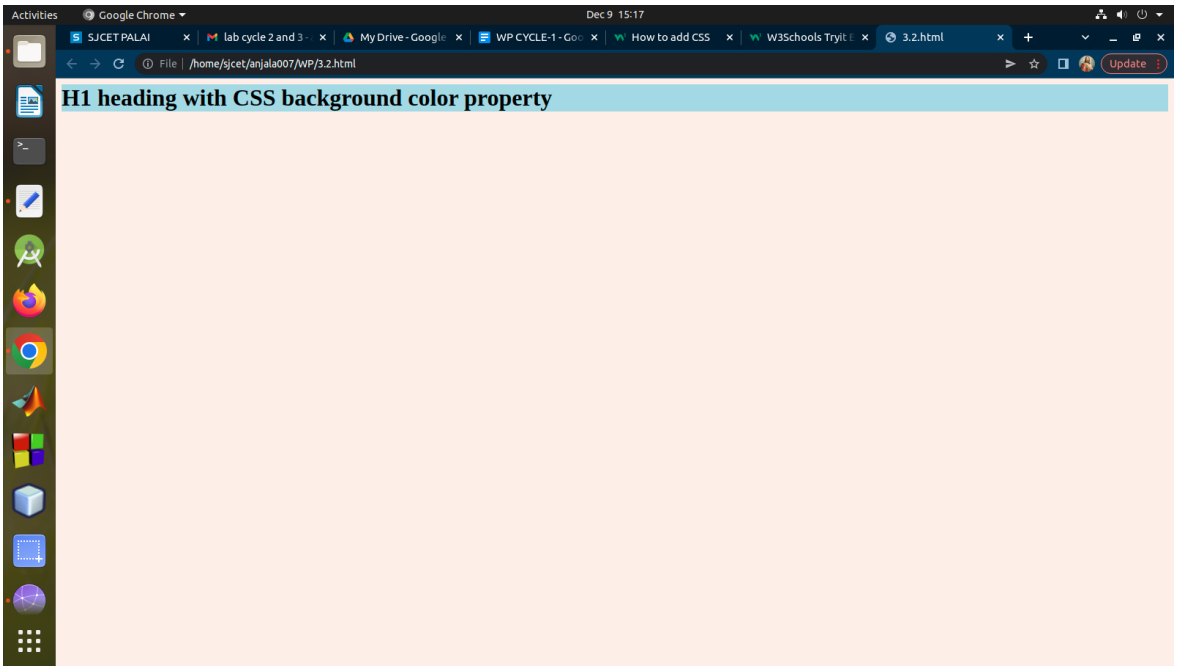


**22. Set the background color for the page to "linen" and the background color for <h1> to "lightblue".**

## 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>
```

## Output:



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

## Code:

**HTML code**

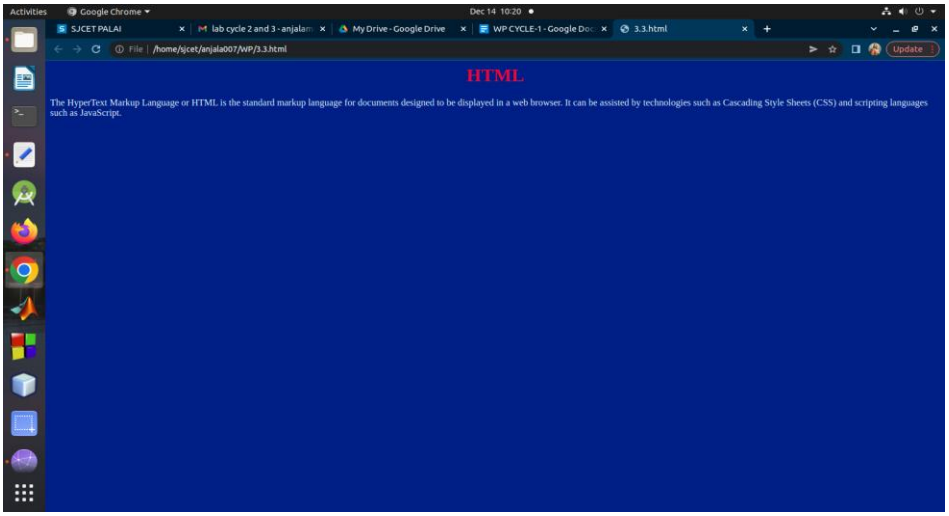
```
<html>
	<head>
		<link rel="stylesheet" href="mystyle.css">
	</head>
	<body>
<h1>HTML</h1>
		<p>The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and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

## Output:

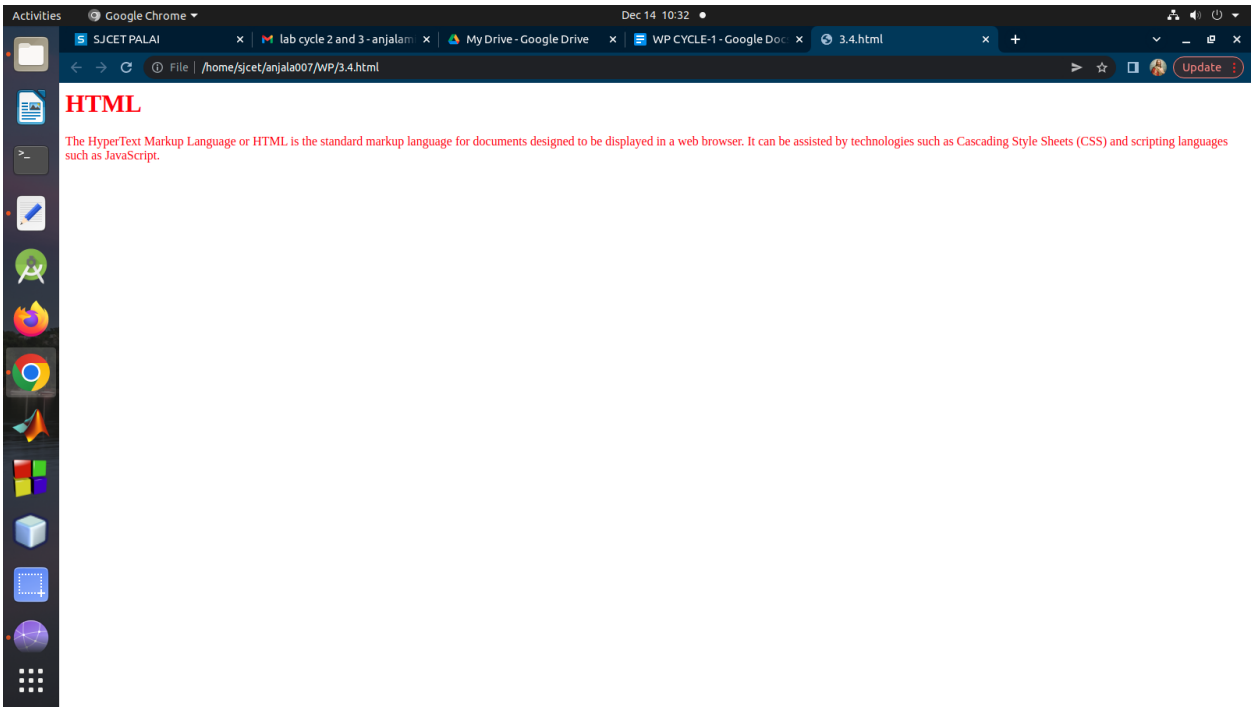


## 24. Set "background-color: linen" for the page, using an inline style.

## 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>
```

## Output:

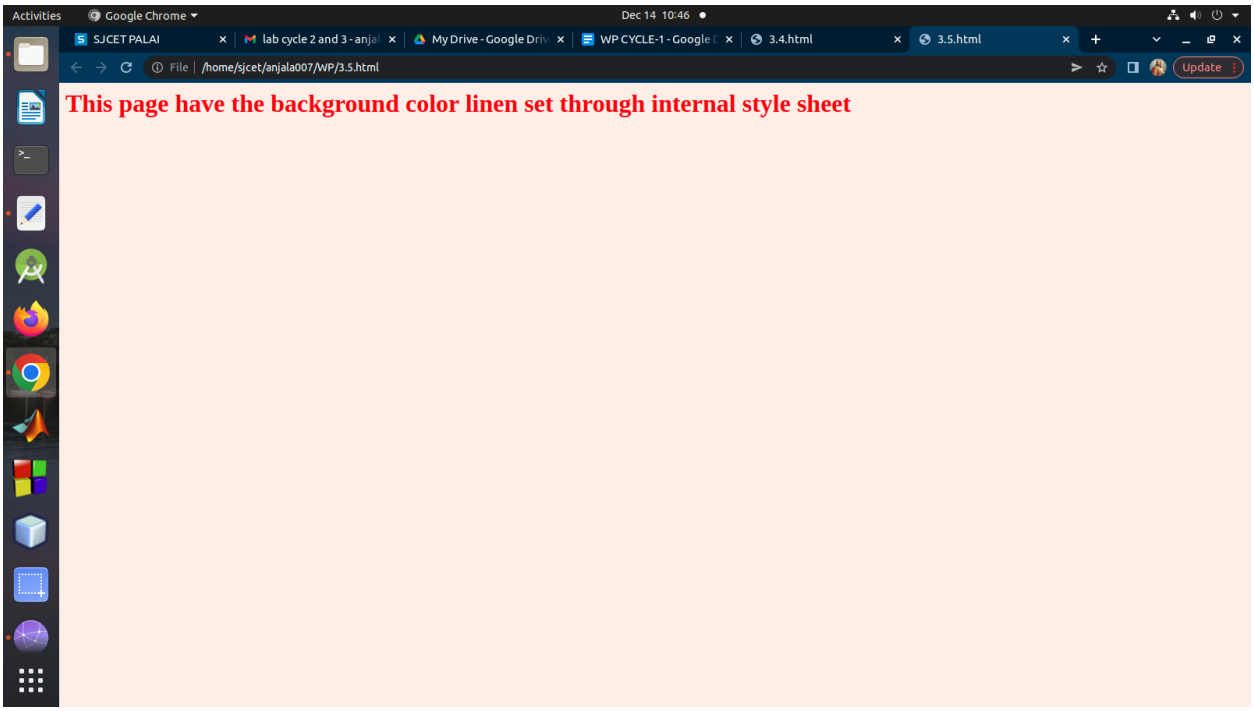


## 25. Set "background-color: linen" for the page, using an internal style sheet.

## 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>
```

## Output:

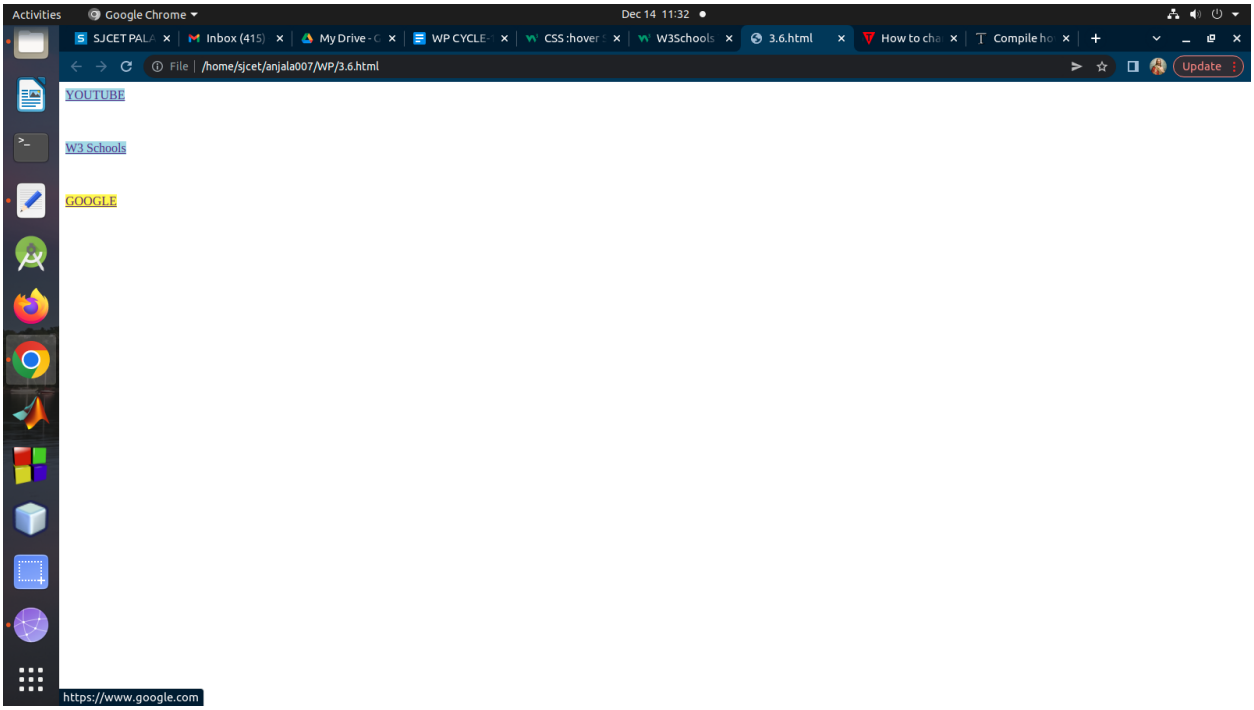


**26. Set the background color for visited and unvisited links to "lightblue", and the background color for the hover and active link states to "yellow".**

## 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>
```

## Output:



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

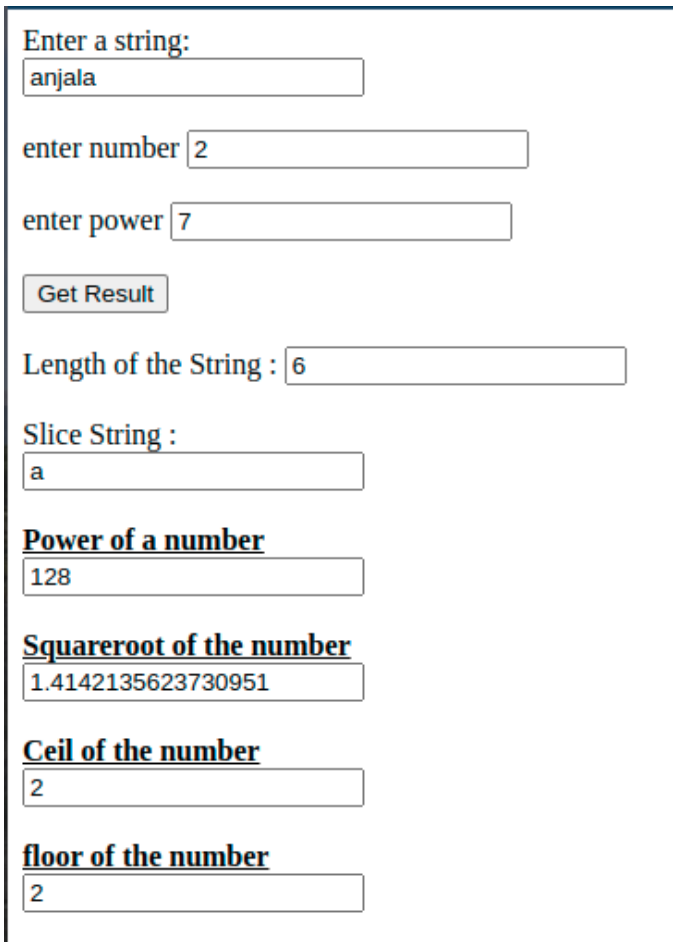
## Code:

```
<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>
```

**Output:**

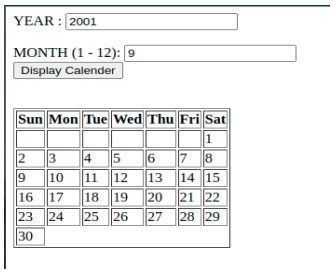


## 28. Generate the calendar using JavaScript code by getting the year from the user.

## 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>
```

## Output:

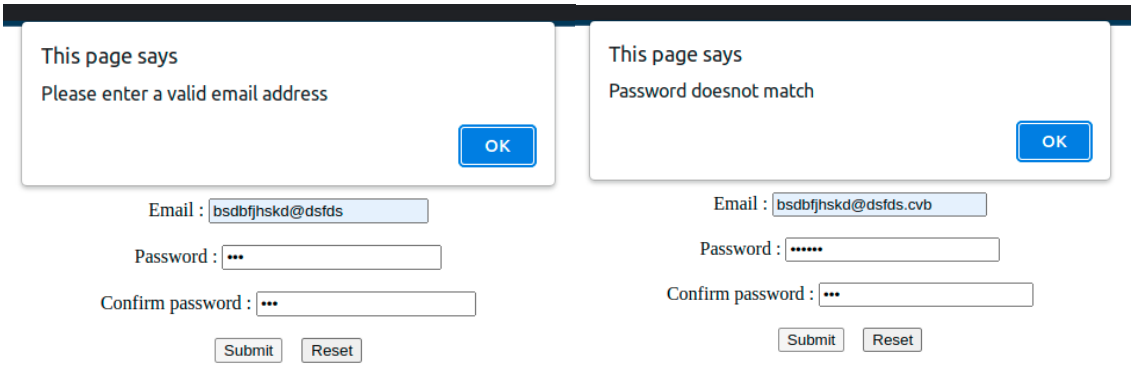


## 29. Create a HTML registration form and to validate the form using JavaScript code.

## 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>
```

**Output:**

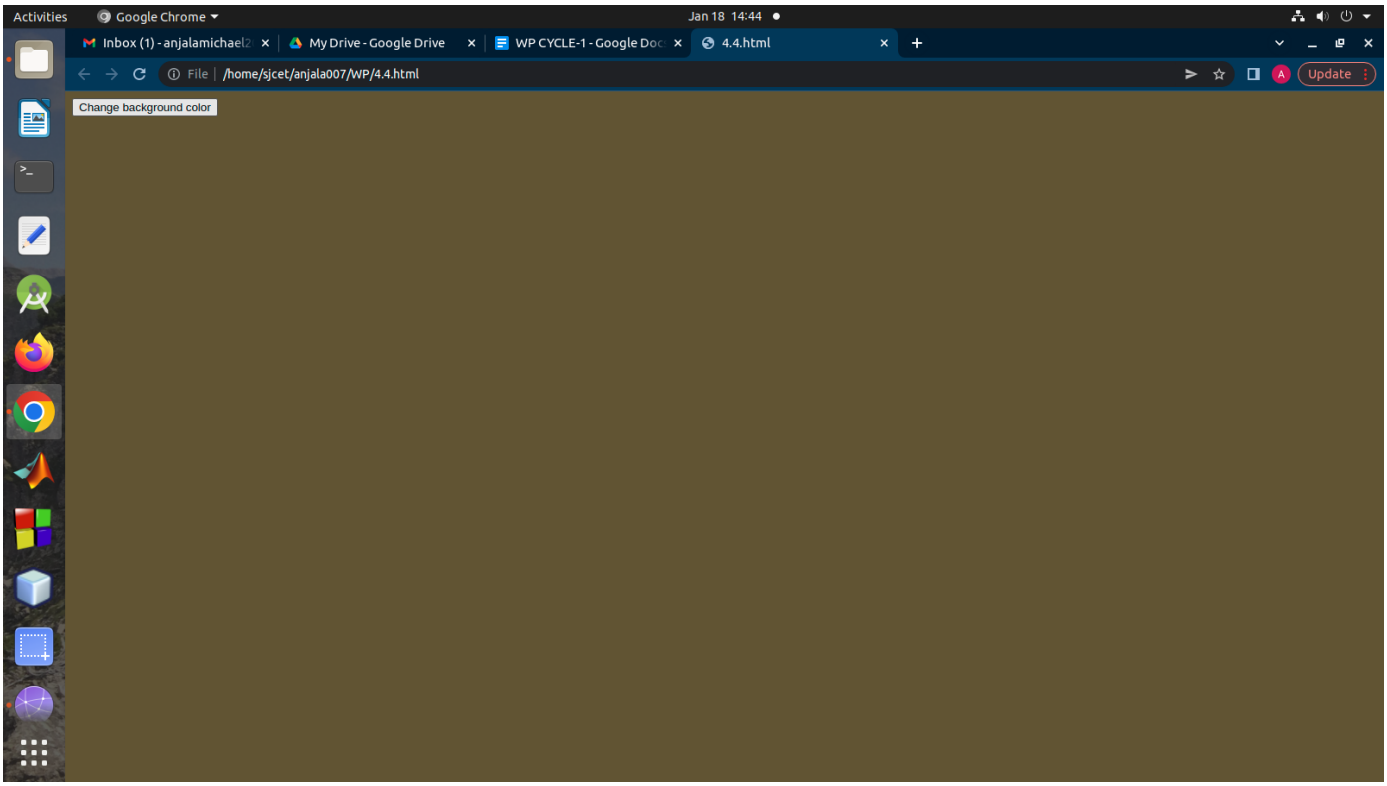

This page says
Please enter a valid email address
OK
Email : bsdbfjhskd@dsfds
Password : •••
Confirm password : •••
Submit
Reset
This page says
Password doesnot match
OK
Email : bsdbfjhskd@dsfds.cvb
Password : ••••••
Confirm password : •••
Submit
Reset

## 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>
```

### Output:

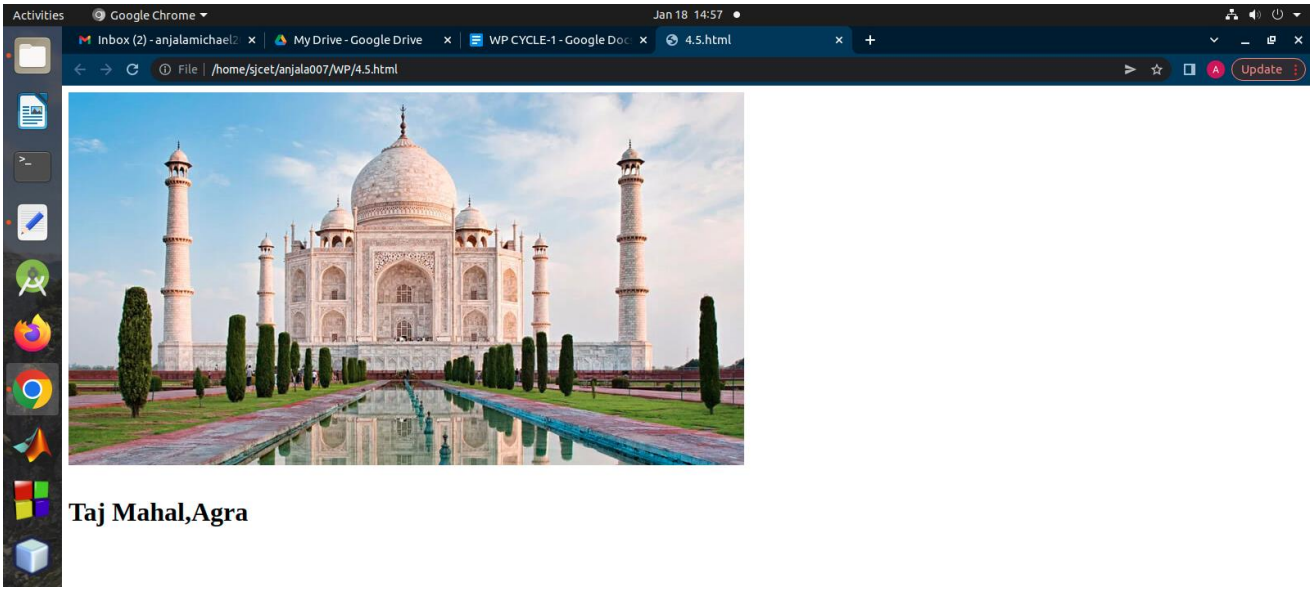


**31. Create a HTML page to display a new image and text when the mouse comes over the existing content in the page using JavaScript Event Handling.**

## 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>
```

## Output:

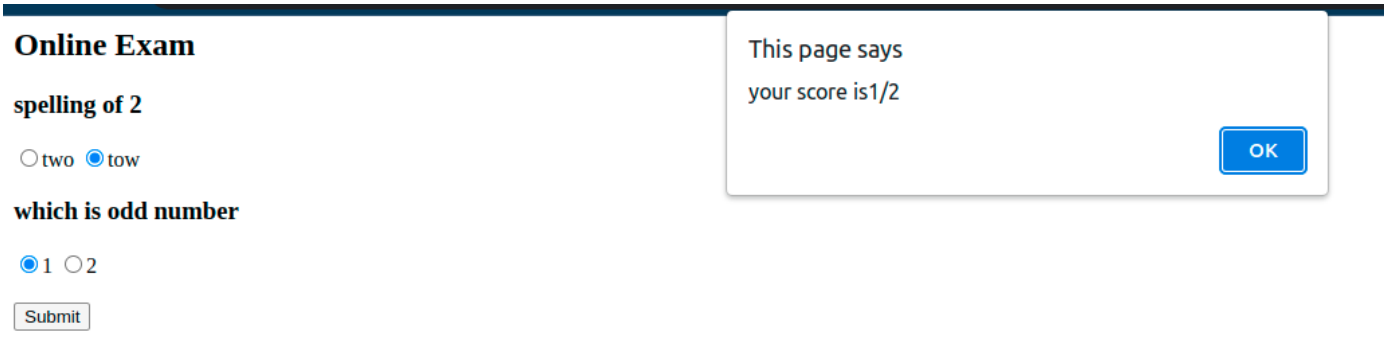


## 32. Create a HTML page to show online exams using JavaScript.

## 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>
```

## Output:



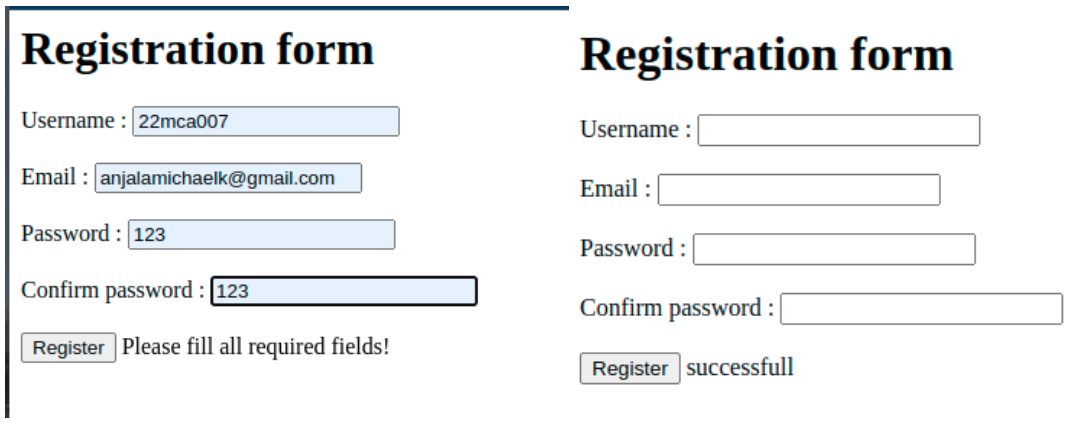
**33. Outline a registration form using PHP and do necessary validations.**

## 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>
```

## Output:



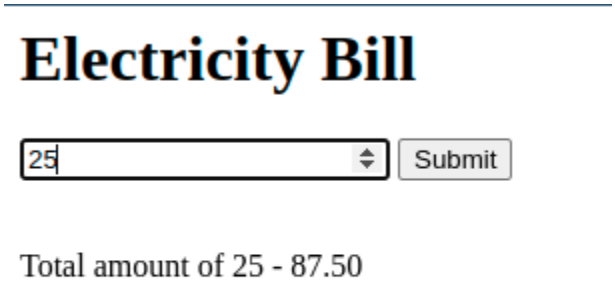
## 34. Compose Electricity bill from user input based on a given tariff using PHP.

## 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>
```

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

## 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 )
```

**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>
```

## 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**

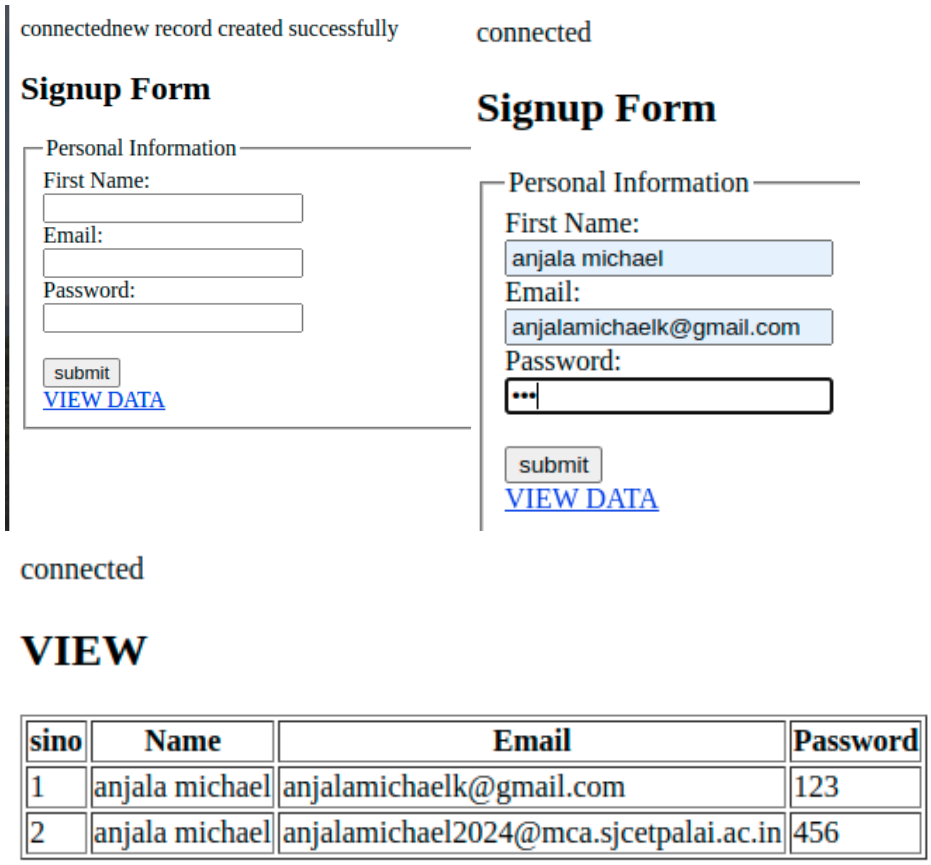
```
<?php
include "config.php";
if(isset($_POST['submit']))
{
$name=$_POST['name'];
$email=$_POST['email'];
$password=$_POST['password'];
$sql = "INSERT INTO `local` ( `name`, `email`, `password`) VALUES ( '$name', '$email',
'$password')";
$result=$conn->query($sql);
if($result==TRUE)
{
echo "new record 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>
```

**Output:**




connected

## VIEW

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

**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>
```

**Output:**