

WEB BASED SYSTEM DEVELOPMENT

LAB RECORD

(BCA652)

Submitted in Partial Fulfillment of the Requirement for the Award of the Degree
of

BACHELOR OF COMPUTER APPLICATIONS

To



SUBMITTED BY

Anmol Dixit
1810201076
BC2018084

SUBMITTED TO

MS. NISHU RASTOGI
Assistant Professor
Department of Computer Applications, IICA
2020-2021

INDEX

Task No.	Task Detail	Page Number	Signature
1	Write HTML script to show the correct structure of html file.	1	
2	Write HTML script to show various headings.	2	
3	Write HTML script to mark a horizontal line and break line.	3	
4	Write a HTML script to set title of page as "Welcome Page".	4	
5	Write HTML script to display three paragraphs, each with different alignments.	5	
6	Write HTML script to display text in predefined format	6	
7	Write HTML script to show the relevance of ;	7	
8	Write HTML script to display HTML script on the web browser.	8	
9	Write HTML script to move text from left to right and vice versa.	9	
10	Write HTML code to move text from top to bottom and vice-versa.	10	
11	Write HTML code to move text diagonally.	11	
12	Write HTML code to align whole text of web page in center.	12	
13	Write HTML code to represent the text bold, italic and underline.	13	
14	Write HTML code to represent the text as strong, super code, subscribed, striked, emphasized. 15 Write HTML code to display text with different font, font color and size.	14	
16	Write HTML code to fill background with a color as "green".	15	

17	Write HTML code to insert an image at the background of a page.	16	
18	Write HTML code to display an image on web page of dimension 300 x 400. If browser is unable to show image due to any issue, display text “Regret”.	17	
19	Write HTML code to insert a hyperlink with text as “Click Here” and destination paper should be the google.com	18	
20	Write HTML code to show an ordered list as well as unordered list	19	
21	Write HTML code to show a nested list.	20	
22	Write HTML code to show the usage of definition tag.	21	
23	Write HTML code to insert a table with 5 rows and 3 columns	22	
24	Write HTML code to insert a table as shown below-	23,24	
25	Create a webpage which displays your class time-table. Highlight your lab and theory lectures with different colors (i.e. theory with “green” and lab with “yellow”).	25,26	
26	Create web-pages to display your personal information, qualification details, Family and friends details, Hobbies and photo gallery. Interlink all these pages.	27,28,29	
27	Create a webpage which displays a video.	30,31,32,33	
28	Create a webpage which displays a gif image.	34	
29	Write HTML code to display a webpage within a webpage.	35	
30	Write HTML code to create a form as follows	36	
31	Write a HTML code to divide a browser window into 2 sections.	37,38,39,40,41, 42,43	

32	Create a web-page which displays three paragraphs, where first paragraph should be in Monotype Corsiva font, color must be green and text must be inside a dashed border, second paragraph should be in Comic Sans font, color must be red, background color should be yellow and text must be inside a double border and third paragraph must be bold and italic as well as font size must be 30px respectively using inline CSS.	44	
33	Create a web-page which displays two paragraphs, one image and one heading, where first paragraph should be in Monotype Corsiva font, color must be green and text must be inside a dashed border, second paragraph should be in Comic Sans font, color must be red, background color should be yellow and text must be inside a double border, image must be of size 300x460 with border and heading must be bold and italic as well as font size must be 30px respectively using internal CSS.	45,46	
34	Create a web-page which makes use of an external CSS to display two paragraphs, one image and one heading, where first paragraph should be in Monotype Corsiva font, color must be green and text must be inside a dashed border, second paragraph should be in Comic Sans font, color must be red, background color should be yellow and text must be inside a double border, image must be of size 300x460 with border and heading must be bold and italic as well as font size must be 30px respectively. Name the external CSS file as test.css	47,48	
35	Create a web-page which shows the relevance of ID selector. (Hint: #h1 and #p)	49,50	
36	Create a web-page which shows the relevance of class selector. (Hint: .h1 and .h6)	51	
37	Create a web-page which shows the relevance of universal selector. (Hint: *)	52	
38	Show how a comment is mentioned in a CSS and HTML file.	53	
39	Create a web-page which displays a paragraph with text “Hello Invertian, Nice to see you” and a button with text Click Me. Write JavaScript to replace the text of paragraph with the text “Welcome to My first JavaScript page”.	54	
40	Create a web-page which displays a paragraph with text “Click the command button to know the Date and Time” and a button with text Click Me. Write JavaScript to replace the text of paragraph with the current system date and time when user clicks the button.	55	

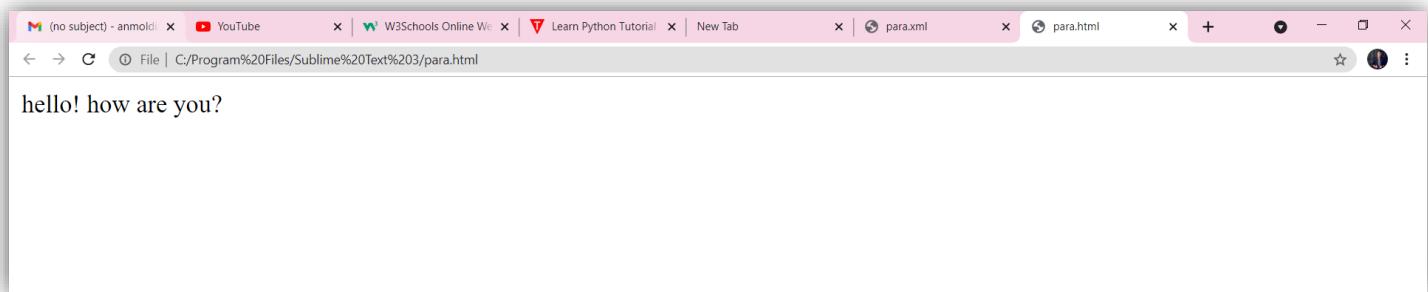
41	Create a web page which displays 5 command buttons with the text KIWI, WATERMELON, CUSTARD APPLE, PAPAYA and STRAWBERRY. When user clicks on any of the command button related fruit image must be displayed on the web-page. By default the image must be yours.	56	
42	Create a web-page which displays a paragraph, on mouse over the paragraph it should get highlighted with green color and font-size must be raised.	57,58	
43	Create a web-page to display an image on mouse over and mouse out images must get changed.	59	
44	Write JavaScript code to display an alert box on click event of a button.	60,61	
45	Write JavaScript code to display a confirm box on click event of a button.	62	
46	Write JavaScript code to read two integers from user and add them. Display the sum.	63	
47	Write JavaScript code to read two strings from user and concatenation them. Display the resulting string.	64	
48	Write JavaScript code to read two integers from user through textbox and add them. Display the sum.	65	
49	Write JS code to check whether user has entered a number or not.	66	
50	Write JS code to check whether a user is eligible to participate in elections or not	67	
51	Write JS code to validate an email id, telephone number, etc.	68	
52	Write JS code to check whether the number entered by user is positive, negative or zero.	69,70,71	
53	Write JS code to display a pattern as below	72	
54	Write JS code to display the day name using switch case.	73,74	
55	Write JS code create an array and accessing it.	75,76	
56	Write JS code to show the usage of Object	77	
57	Write JS code to verify that password and re-enter password field's value are equal or not.	78	

58	Write JS code to fetch the value of radio button selected by user and display it.	79,80	
59	Write JS code to provide three chances to user to guess the correct answer of a question using prompt. (The next two chances will be provided if user wishes to continue).	81,82	
60	Write JS code to validate a form.	83,84	
61	Create an internal DTD and XML doc to store following data.	85,86	
62	Create an external DTD to store data as shown in above table.	87,88,89	
63	Import the external DTD designed in 62 to the XML document.	90	
64	Create a DTD to store employee detail where the tag element should be names as employee and id, name and location as attributes.	91,92	
65	Show the importance of Required, Fixed type attribute of a tag element. <ul style="list-style-type: none"> • Required Attribute • Fixed Type Attribute 	93	
		94	

1. Write HTML script to show the correct structure of html file.

```
<html>
<head>
<title> </title>
</head>
<body>
hello!
how are you?
</body>
</html>
```

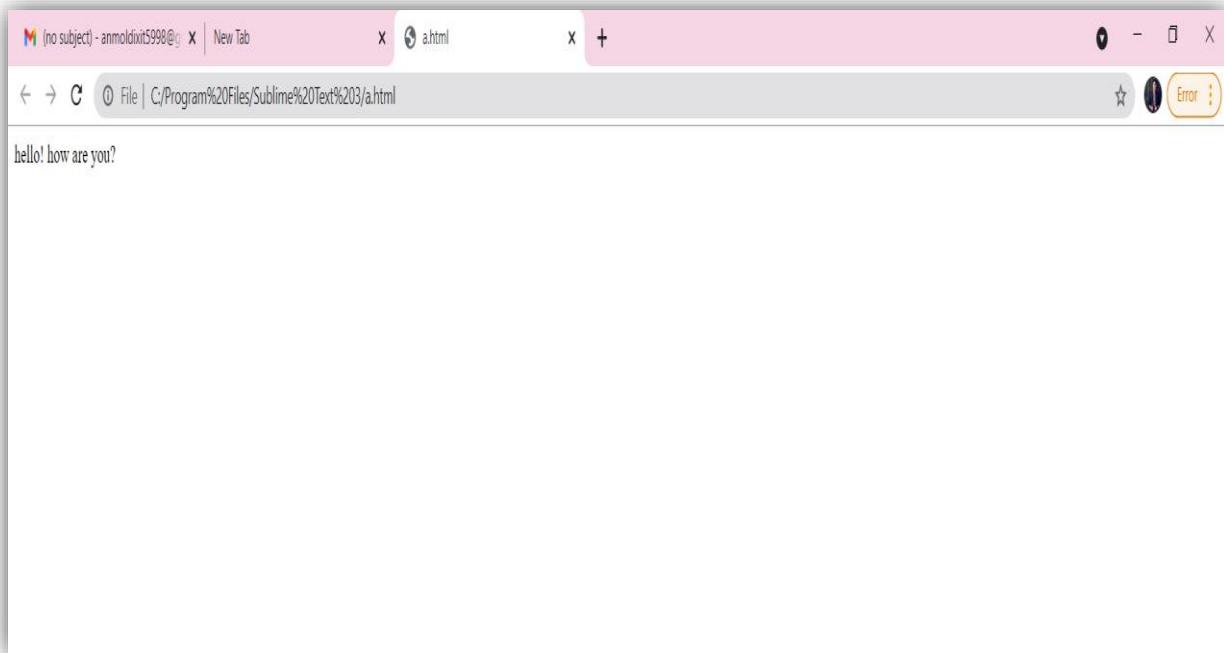
Output



1. Write HTML script to show the correct structure of html file.

```
<html>
<head>
<title> </title>
</head>
<body>
hello!
how are you?
</body>
</html>
```

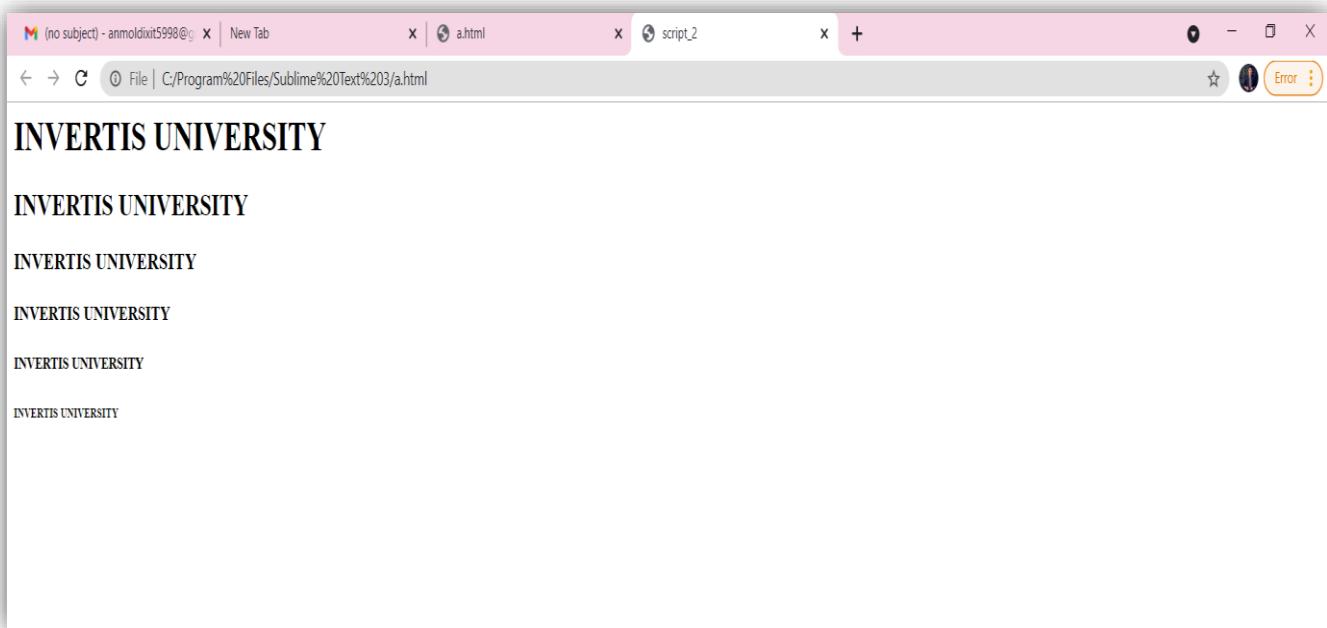
Output



2. Write HTML script to show various headings.

```
<html>
<head>
<title> script_2 </title>
</head>
<body>
<h1> INVERTIS UNIVERSITY </h1>
<h2> INVERTIS UNIVERSITY </h2>
<h3> INVERTIS UNIVERSITY </h3>
<h4> INVERTIS UNIVERSITY </h4>
<h5> INVERTIS UNIVERSITY </h5>
<h6> INVERTIS UNIVERSITY </h6>
</body>
</html>
```

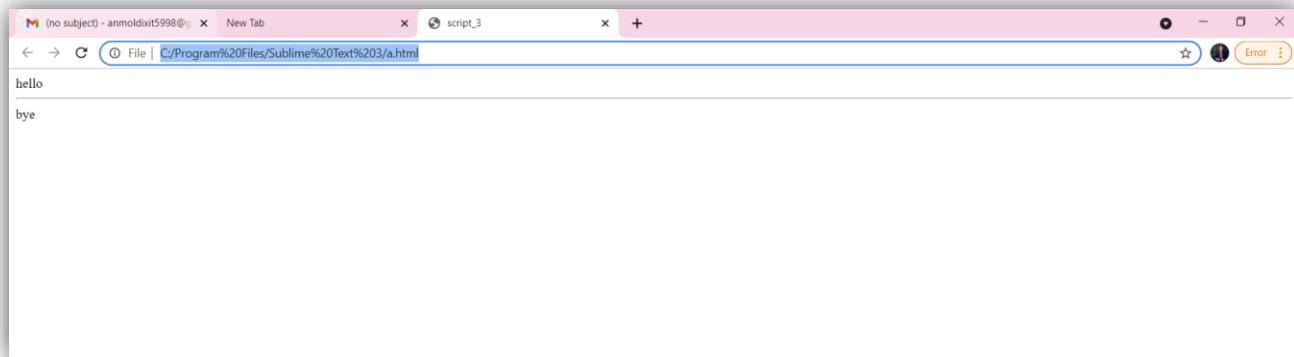
Output



3. Write HTML script to mark a horizontal line and break line.

```
<html>
<head>
<title> script_3 </title>
</head>
<body>
    hello
    <br>
    <hr>
    bye
</body>
</html>
```

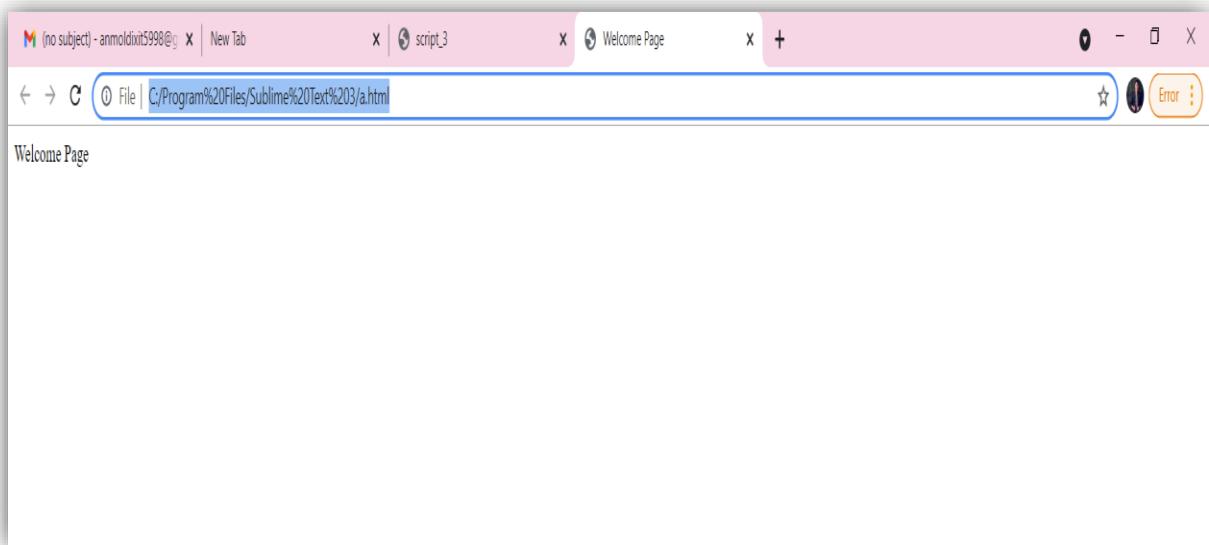
Output



4. Write a HTML script to set title of page as "Welcome Page".

```
<html>
<head>
<title> Welcome Page </title>
</head>
<body>
Welcome Page
</body>
</html>
```

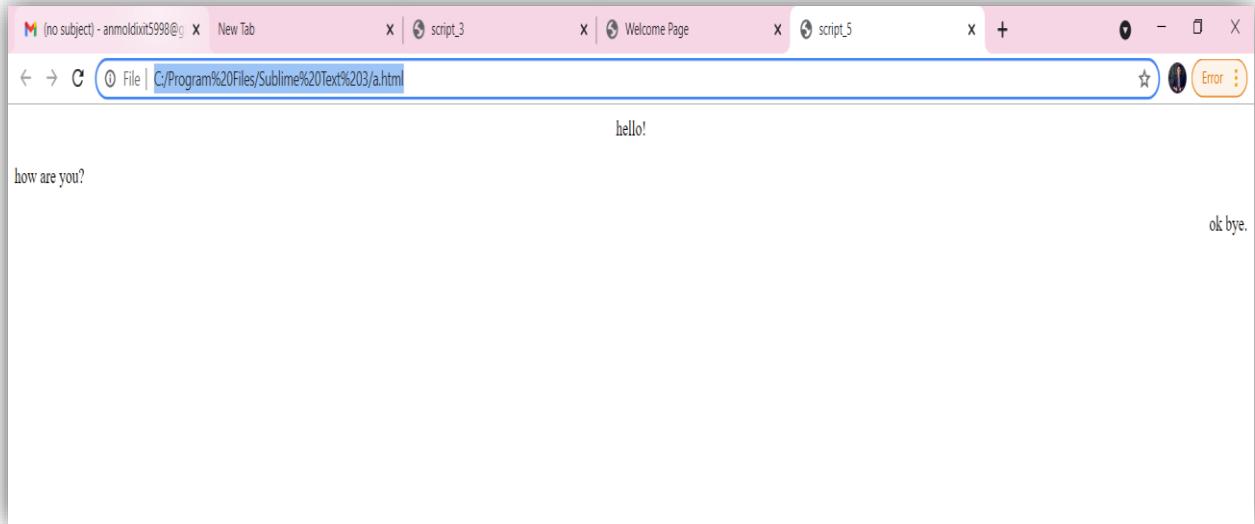
Output



5. Write HTML script to display three paragraphs, each with different alignments.

```
<html>
<head>
<title> script_5 </title>
</head>
<body>
<p align="center"> hello! </p>
<p align="left"> how are you? </p>
<p align="right"> ok bye. </p>
</body>
</html>
```

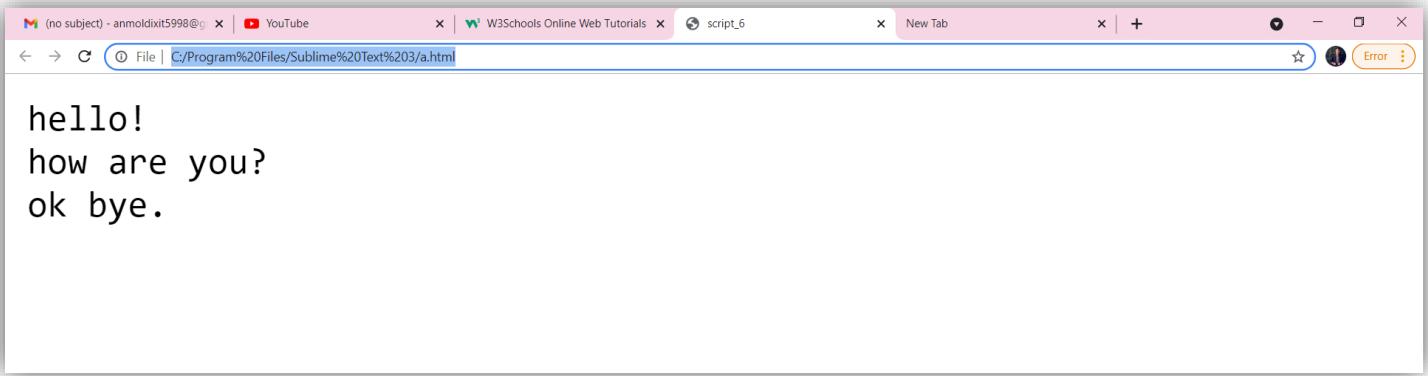
Output



6. Write HTML script to display text in predefined format.

```
<html>
<head>
<title> script_6 </title>
</head>
<body>
<pre>
hello!
how are you?
ok bye.
</pre>
</body>
</html>
```

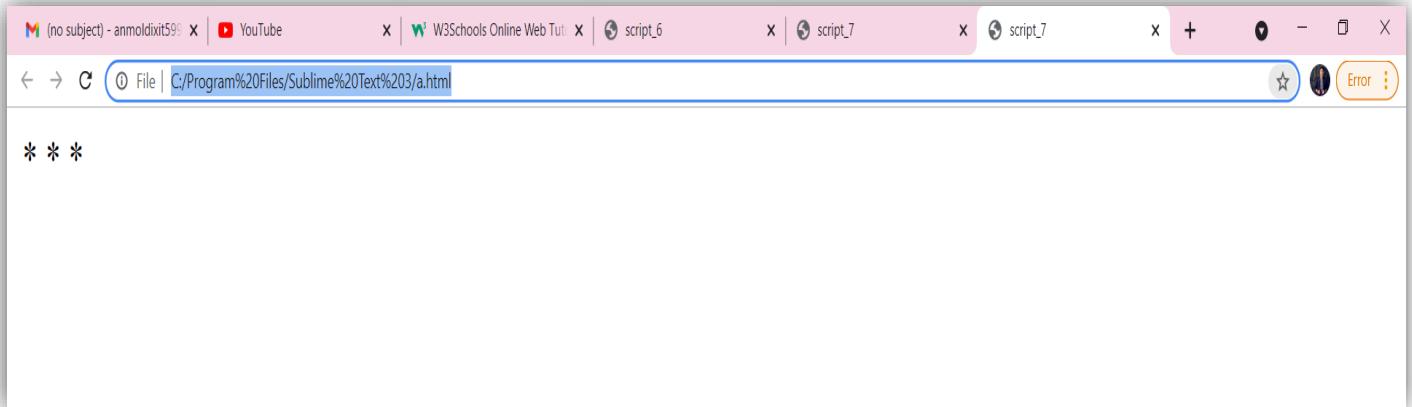
Output



7. Write HTML script to show the relevance of ;

```
<html>
<head>
<title> script_7 </title>
<head>
<body>
*&nbsp*&nbsp*&nbsp;
</body>
</html>
```

Output

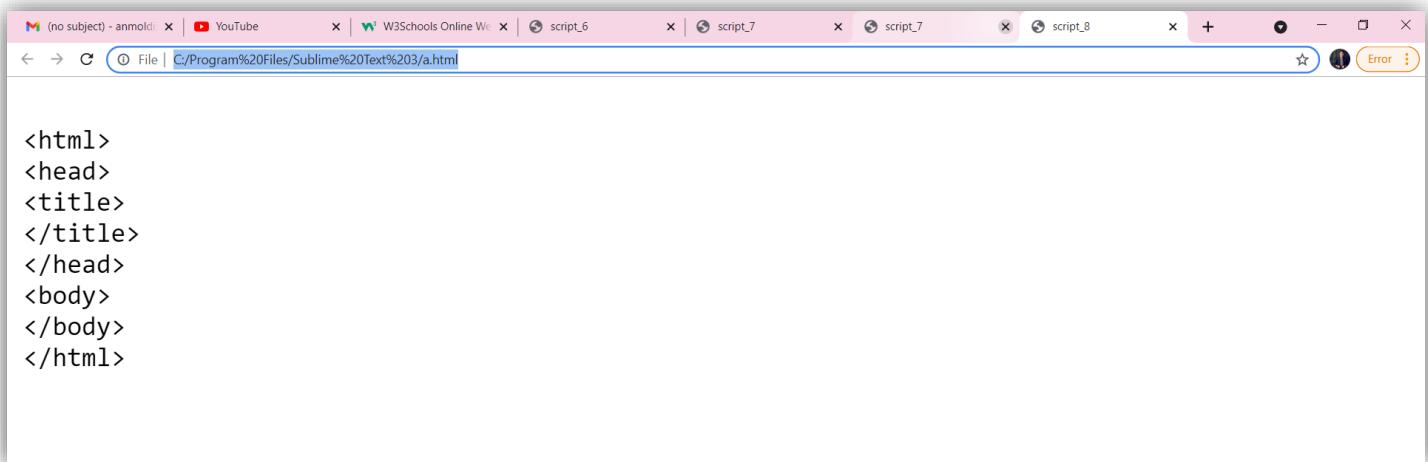


8. Write HTML script to display HTML script on the web browser.

```
<html>
<head>
<title> script_8 </title>
</head>
<body>
<xmp>
<html>
<head>
<title>
</title>
</head>
```

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

Output

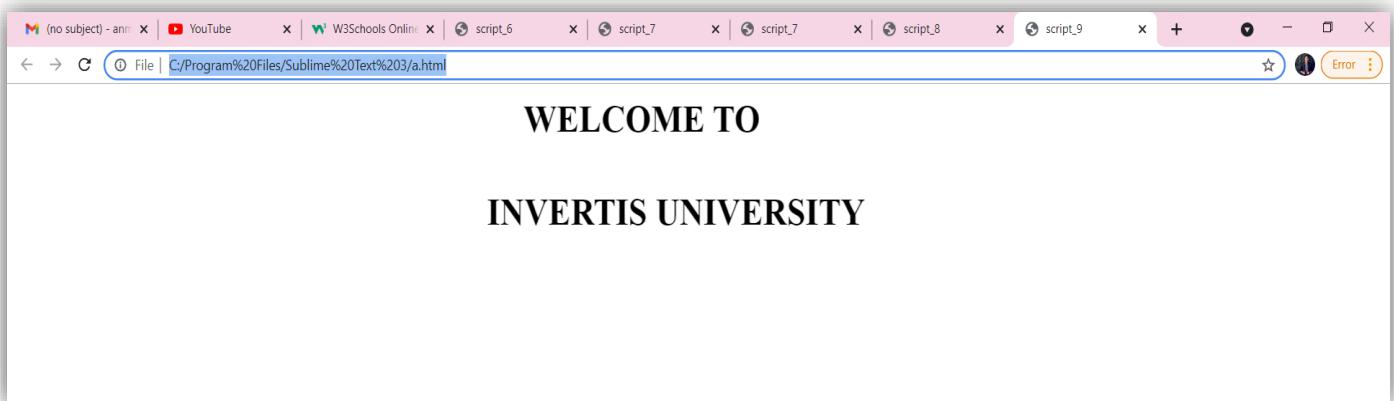


```
<html>
<head>
<title>
</title>
</head>
<body>
</body>
</html>
```

9. Write HTML script to move text from left to right and vice versa.

```
<html>
<head>
<title> script_9 </title>
</head>
<body>
<marquee direction="left"> <h1>WELCOME TO </h1> </marquee>
<marquee direction="right"> <h1>INVERTIS UNIVERSITY</h1> </marquee>
</body>
</html>
```

Output

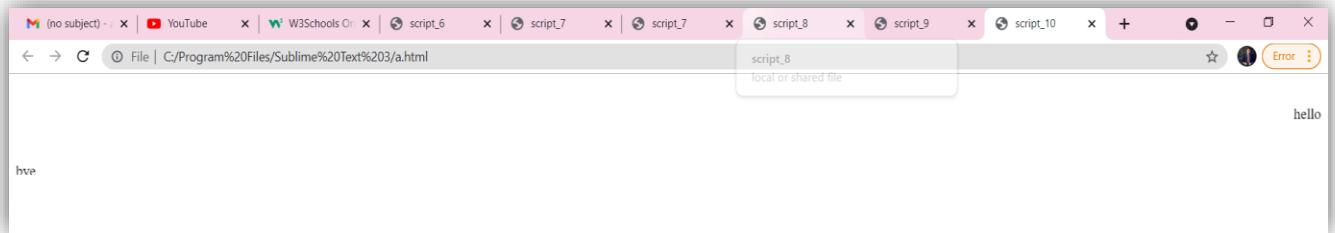


10. Write HTML code to move text from top to bottom and vice-versa.

```
<html>
<head>
<title> script_10 </title>
</head>
<body>
<marquee direction="up">
<p align="right"> hello </p>
</marquee>
<marquee direction="down">
<p align="left"> bye </p>
</marquee>
```

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

Output



11. Write HTML code to move text diagonally.

```
<html>  
<head>  
<title> script_11 </title>  
</head>  
<body>  
<marquee direction="left">  
<marquee direction="up">  
hello  
</marquee>  
</marquee>  
</body>
```

```
</html>
```

Output



12. Write HTML code to align whole text of web page in center.

```
<html>
<head>
<title> script_12 </title>
</head>
<body>
<center>
<pre>
hello!
how are you?
```

```
ok bye.  
</pre>  
</center>  
</body>  
</html>
```

Output

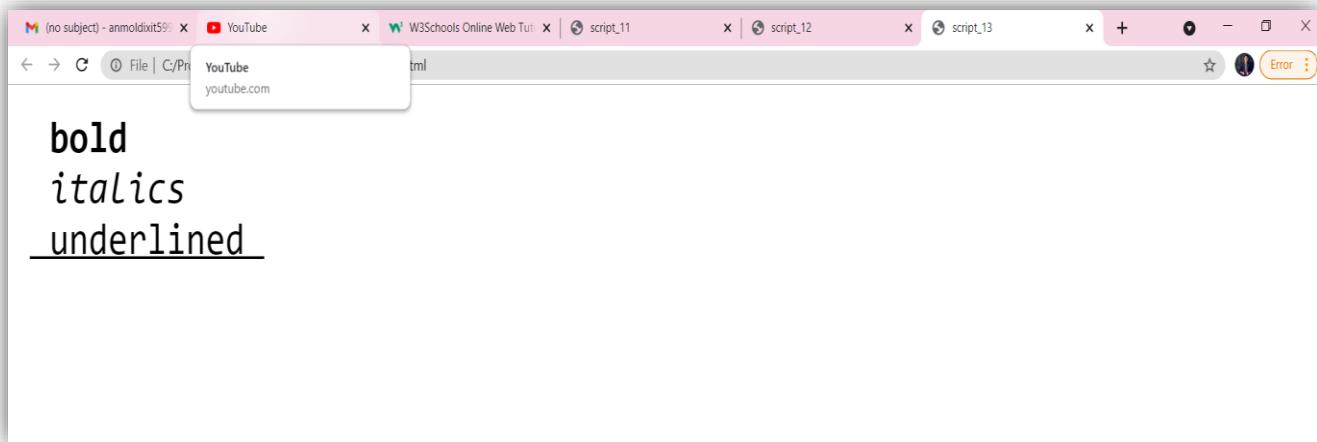


13. Write HTML code to represent the text bold, italic and underline.

```
<html>  
<head>  
<title> script_13 </title>  
</head>  
<body>  
<pre>  
<b> bold </b>  
<i> italics </i>  
<u> underlined </u>  
</pre>  
</body>
```

```
</html>
```

Output

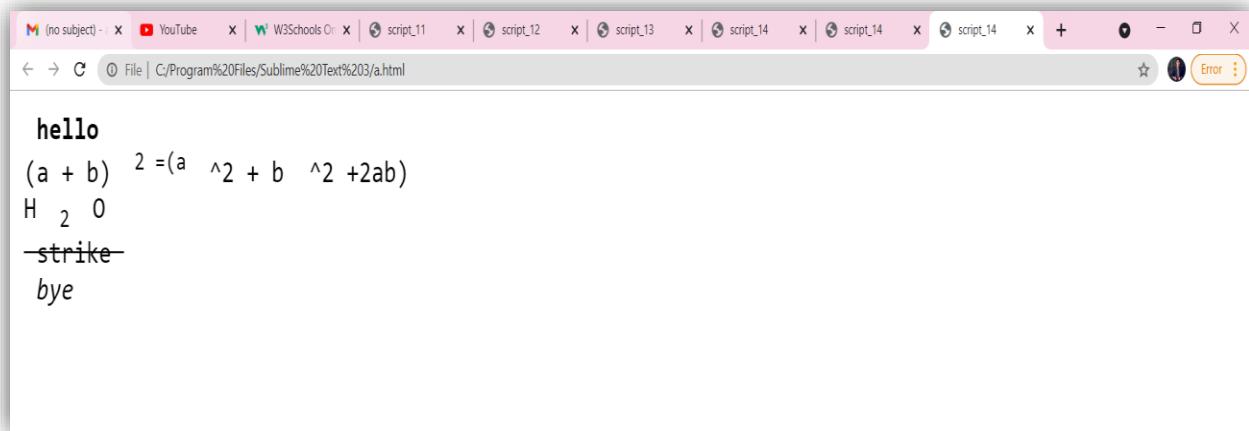


14. Write HTML code to represent the text as strong, super code, subscribed, striked, emphasized.

```
<html>
<head>
<title> script_14 </title>
</head>
<body>
<pre>
<strong> hello </strong>
a <sup> 2 </sup> -b <sup> 2 </sup> =(a+b)(a-b)
H <sub> 2 </sub> O
<strike> strike </strike>
<em> bye </em>
```

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

Output



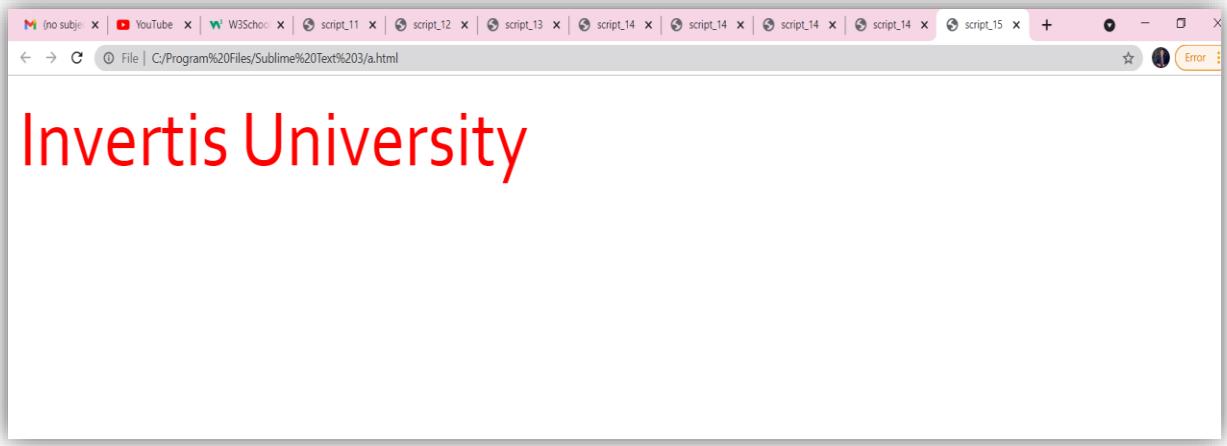
The screenshot shows a web browser window with multiple tabs open. The active tab displays the content of a file named 'a.html' located at 'C:/Program%20Files/Sublime%20Text%203/a.html'. The content of the file is as follows:

```
hello
(a + b) ^2 =(a ^2 + b ^2 +2ab)
H ^2 0
strike
bye
```

15. Write HTML code to display text with different font, font color and size.

```
<html>
<head>
<title> script_15 </title>
</head>
<body>
<font color="blue" face="corbel" size="72">
Invertis University
</body>
</html>
```

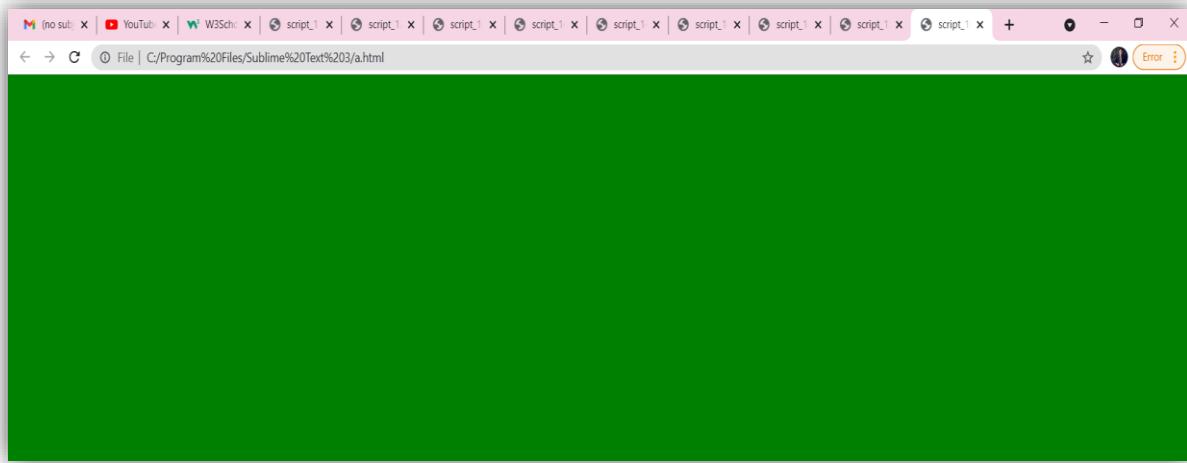
Output



16. Write HTML code to fill background with a color as “green”.

```
<html>
<head>
<title> script_16 </title>
</head>
<body bgcolor="green">
</body>
</html>
```

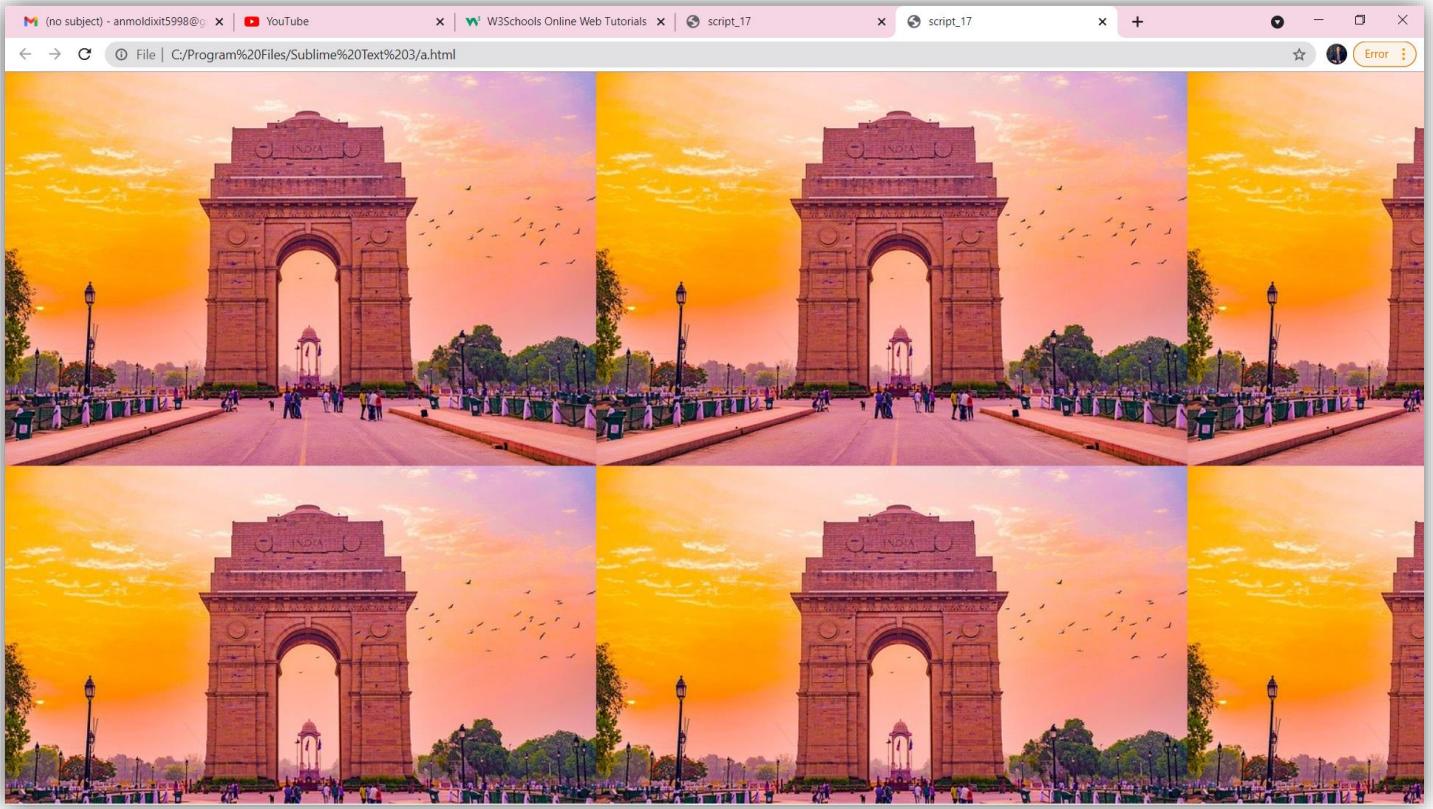
Output



17. Write HTML code to insert an image at the background of a page.

```
<html>
<head>
<title> script_17 </title>
</head>
<body background="C:\Users\anmol\Downloads\delhi-2626593_640.jpg">
</body>
</html>
```

Output

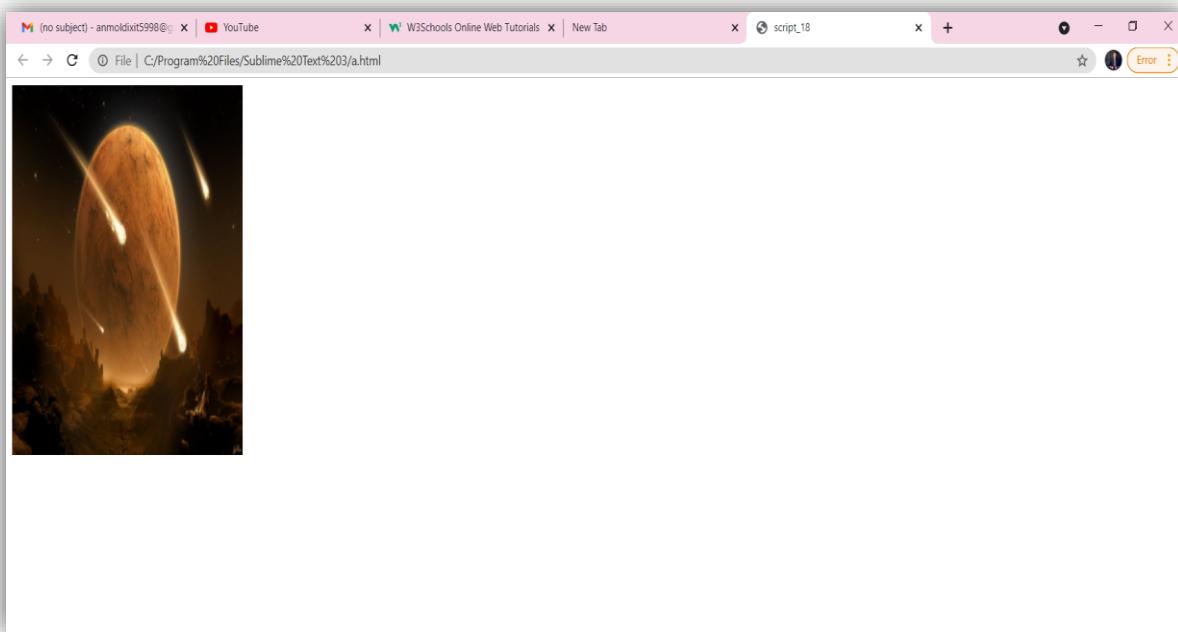


18. Write HTML code to display an image on web page of dimension 300 x 400. If browser is unable to show image due to any issue, display text “Regret”.

```
<html>
<head>
<title> script_18 </title>
</head>
<body>
```

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

Output

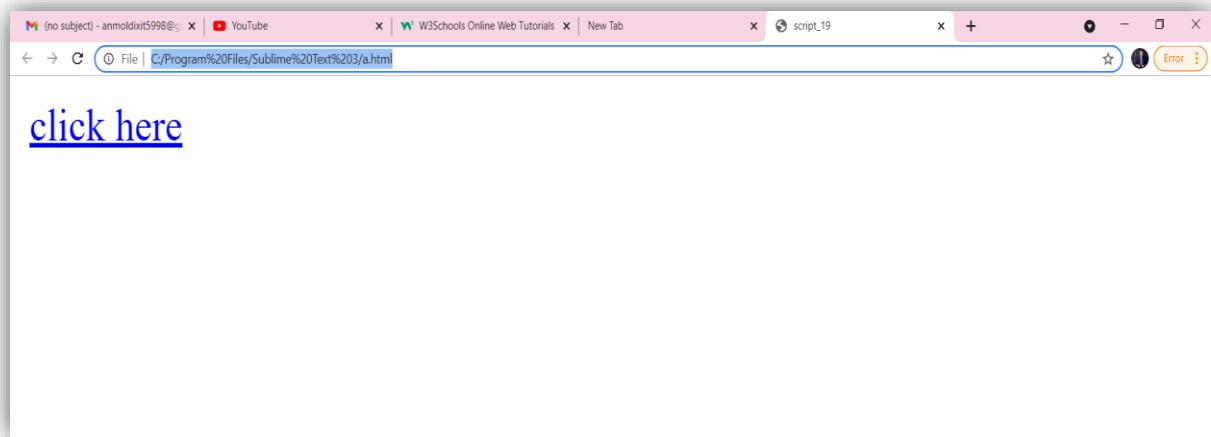


-
- 19. Write HTML code to insert a hyperlink with text as “Click Here” and destination paper should be the google.com**

```
<html>  
<head>  
<title> script_19 </title>  
</head>  
<body>
```

```
<a href=" https://www.google.com/"> click here </a>
</body>
</html>
```

Output

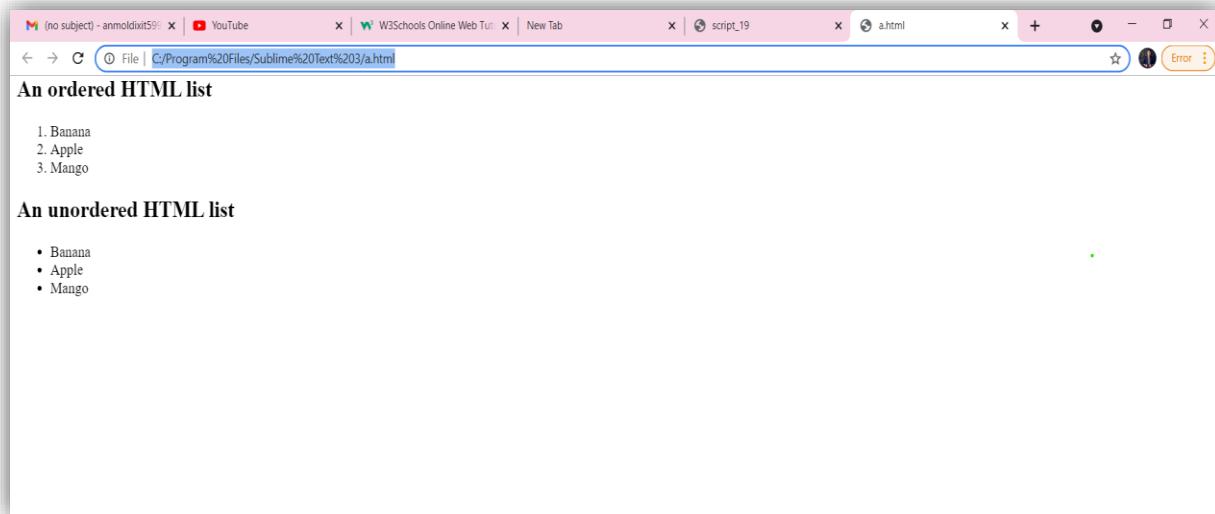


20. Write HTML code to show an ordered list as well as unordered list

```
<html>
<body>
<h2>An ordered HTML list</h2>
<ol>
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li>
</ol>
```

```
<h2>An unordered HTML list</h2>
<ul>
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li>
</ul>
</body>
</html>
```

Output



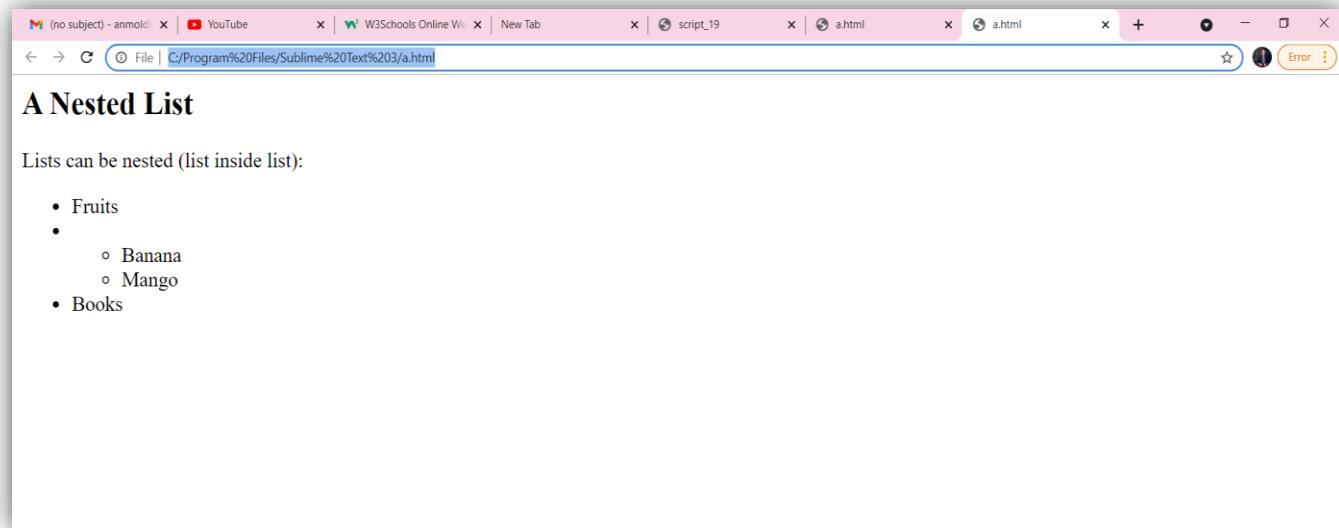
21. Write HTML code to show a nested list.

```
<html>
<body>
<h2>A Nested List</h2>
<p>Lists can be nested (list inside list):</p>
<ul>
<li>Coffee</li>
<li>Tea

```

```
<ul>
<li>Black tea</li>
<li>Green tea</li>
</ul>
</li>
<li>Milk</li>
</ul>
</body>
</html>
```

Output



22. Write HTML code to show the usage of definition tag.

```
<html>
<body>

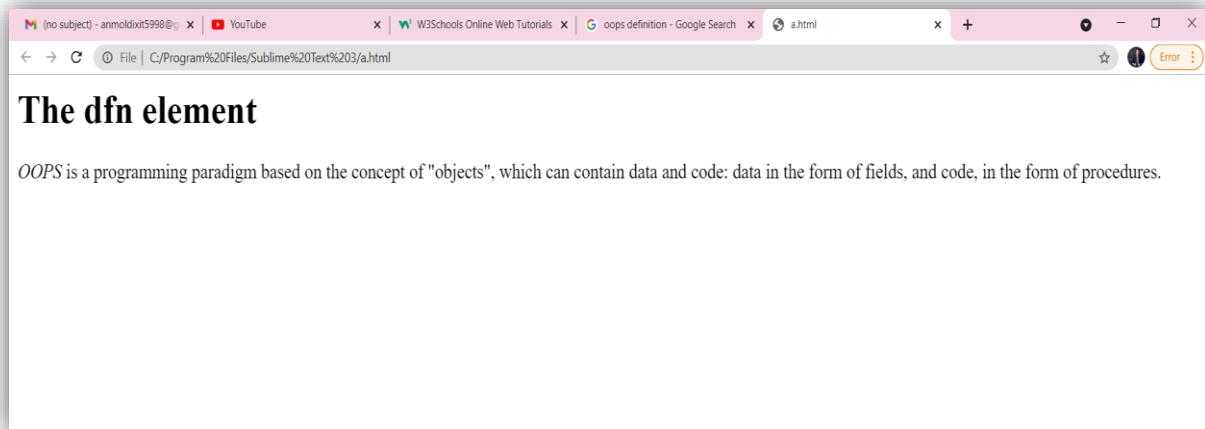
<h1>The dfn element</h1>

<p><dfn>HTML</dfn> is the standard markup language for creating web pages.</p>

</body>
```

```
</html>
```

Output



23. Write HTML code to insert a table with 5 rows and 3 columns

```
<html>
<head>

</head>
<style>
    table {
        width: 300px;
        border-collapse: collapse;
    }
    tr {
        border-bottom: 1px solid black;
    }
    th, td {
        padding: 5px;
        text-align: center;
    }
</style>
```

```
        }
    table, th, td {
        border: 1px solid black;
    }
    th, td {
        padding: 10px;
        text-align: left;
    }

```

</style>

<body>

<h2>HTML Table</h2>

<table>

<tr>

<th>Company</th>

<th>Contact</th>

<th>Country</th>

</tr>

<tr>

<td>Alfreds Futterkiste</td>

<td>Maria Anders</td>

<td>Germany</td>

</tr>

<tr>

<td>Centro comercial </td>

<td>Francisco Chang</td>

<td>Mexico</td>

</tr>

<tr>

<td>Ernst Handel</td>

<td>Roland Mendel</td>

<td>Austria</td>

</tr>

<tr>

<td>Island Trading</td>

<td>Helen Bennett</td>

<td>UK</td>

</tr>

<tr>

<td>Laughing Bacchus </td>

<td>Yoshi Tannamuri</td>

<td>Canada</td>

</tr>

</table>

</body>

</html>

Output

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "a.html" and contains the following content:

HTML Table

Company	Name	Country
Tesla	Elon Musk	USA
Paypal	Alix	California
SpaceX	Jos Buttler	UK
Blue Origin	Jeff Bezoes	Mexico
Flipkart	Sachin Bansal	India

24. Write HTML code to insert a table as shown below-

The diagram illustrates a contact form table structure. It consists of two main sections: "Name" and "Contact Details".

Name		Contact Details	
First Name	Last Name	Address	Mobile No.
H. No.	Locality		

```
<!DOCTYPE html>
<html>
<head>
</head>
<style>
table {
    width: 300px;
    border-collapse: collapse;
}
table, th, td {
    border: 1px solid black;
}
th, td {
    padding: 10px;
    text-align: left;
}
</style>
<body>
<table>
<thead>
<tr>
<th colspan="2">Name</th>
<th colspan="2">Contact Details</th>
</tr>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th colspan="2">Address </th>
<th>Mobile No.</th>
</tr>
<tr>
<th></th>
<th></th>
<th>H.No.</th>
<th>Locality</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>data</td>
```

```

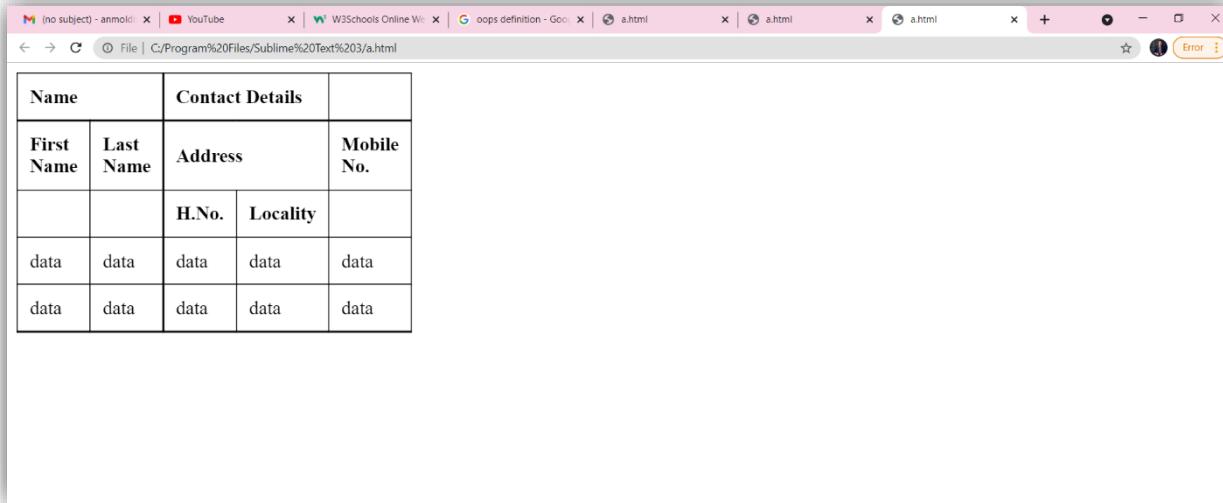
<td>data</td>
<td>data</td>
<td>data</td>
<td>data</td>
</tr>
<tr>
<td>data</td>
<td>data</td>
<td>data</td>
<td>data</td>
<td>data</td>

</tr>
</tbody>
</table>

</body>
</html>

```

Output



25. Create a webpage which displays your class time-table. Highlight your lab and theory lectures with different colors (i.e. theory with “green” and lab with “yellow”).

```

<!DOCTYPE html>
<html>

<body>
<h1>TIME TABLE</h1>
<table border="5" cellspacing="0" align="center">

```

```

<!--<caption>Timetable</caption>-->
<tr>
    <td align="center" height="50"
        width="100"><br>
        <b>Day/Period</b></br>
    </td>
    <td align="center" height="50"
        width="100">
        <b>I<br>9:30-10:20</b>
    </td>
    <td align="center" height="50"
        width="100">
        <b>II<br>10:20-11:10</b>
    </td>
    <td align="center" height="50"
        width="100">
        <b>III<br>11:10-12:00</b>
    </td>
    <td align="center" height="50"
        width="100">
        <b>12:00-12:40</b>
    </td>
    <td align="center" height="50"
        width="100">
        <b>IV<br>12:40-1:30</b>
    </td>
    <td align="center" height="50"
        width="100">
        <b>V<br>1:30-2:20</b>
    </td>
    <td align="center" height="50"
        width="100">
        <b>VI<br>2:20-3:10</b>
    </td>
    <td align="center" height="50"
        width="100">
        <b>VII<br>3:10-4:00</b>
    </td>
</tr>
<tr>
    <td align="center" height="50">
        <b>Monday</b></td>
        <td style="background-color:yellow " align="center" height="50">.Net</td>
        <td align="center" height="50">Web Development</td>
        <td align="center" height="50">Mobile Computing</td>
        <td rowspan="6" align="center" height="50">
            <h2>L<br>U<br>N<br>C<br>H</h2>
        </td>
        <td style="background-color:red" colspan="3" align="center">

```

LAB	.Net	
Tuesday		
LAB		
.Net	Library	
Web Development		
SPORTS		
Wednesday		
Web Development		
Mobile Computing		
.Net	Library	
Library		
Thursday		
Phy		
.Net	Library	
LAB		
Web Development		
Friday		
LAB		
Web Development		
Library		
.Net		

```

<td align="center" height="50">Phy</td>
</tr>
<tr>
<td align="center" height="50">
<b>Saturday</b>
</td>
<td style="background-color:yellow " align="center" height="50">.Net</td>
<td style="background-color:green " align="center" height="50">Library</td>
<td align="center" height="50">Web Development</td>
<td colspan="3" align="center"
height="50">SEMINAR
</td>
<td align="center" height="50">SPORTS</td>
</tr>
</table>
</body>

</html>

```

Output:

Day/Period	I 9:30-10:20	II 10:20-11:10	III 11:10-12:00	12:00-12:40	IV 12:40-1:30	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00
Monday	.Net	Web Development	Mobile Computing		LAB		.Net	
Tuesday	LAB	.Net	Library		Web Development	SPORTS		
Wednesday	Web Development	Mobile Computing	.Net		Library	Library		
Thursday	Phy	.Net	Library		LAB		Web Development	
Friday		LAB			Web Development	Library	.Net	Phy
Saturday	.Net	Library	Web Development		SEMINAR			SPORTS

26. Create web-pages to display your personal information, qualification details, Family and friends details, Hobbies and photo gallery. Interlink all these pages.

```

<!DOCTYPE html>
<head>
<meta charset="UTF-8">
<title>Anmol Portfolio </title>
<link rel="stylesheet" href="style.css">
<!-- Fontawesome CDN Link -->

```

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.2/css/all.min.css"/>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>
  <!-- Move to up button -->
  <div class="scroll-button">
    <a href="#home"><i class="fas fa-arrow-up"></i></a>
  </div>
  <!-- navgaiton menu -->
  <nav>
    <div class="navbar">
      <div class="logo"><a href="#">Portfolio.</a></div>
      <ul class="menu">
        <li><a href="#home">Home</a></li>
        <li><a href="#about">About</a></li>
        <li><a href="#skills">Skills</a></li>
        <li><a href="#services">Services</a></li>
        <li><a href="#contact">Contact</a></li>
      <div class="cancel-btn">
        <i class="fas fa-times"></i>
      </div>
    </ul>
    <div class="media-icons">
      <a href="#"><i class="fab fa-facebook-f"></i></a>
      <a href="#"><i class="fab fa-twitter"></i></a>
      <a href="#"><i class="fab fa-instagram"></i></a>
    </div>
  </div>
  <div class="menu-btn">
    <i class="fas fa-bars"></i>
  </div>
  </nav>

  <!-- Home Section Start -->
  <section class="home" id="home">
    <div class="home-content">
      <div class="text">
        <div class="text-one">Hello,</div>
        <div class="text-two">I'm Anmol </div>
        <div class="text-three">Data Analyst</div>
        <div class="text-four">From India</div>
      </div>
      <div class="button">
        <button>Hire Me</button>
      </div>
    </div>
  </section>

  <!-- About Section Start -->
```

```

<section class="about" id="about">
  <div class="content">
    <div class="title"><span>About Me</span></div>
    <div class="about-details">
      <div class="left">
        
      </div>
      <div class="right">
        <div class="topic"> Analytics Is My Passion</div>
        <p> My name is Anmol Dixit I am pursuing BCA and currently I am in final year and it's my last semester, I have good knowledge in data analytics. I have done certified professional python programming course from cognitive classes and machine learning course from goeduhub technology which is of 2 months long training course. I am looking for great opportunity.</p>
        <div class="button">
          <button>Download CV</button>
        </div>
      </div>
    </div>
  </div>
</section>

<!-- My Skill Section Start -->
<!-- Section Tag and Other Div will same where we need to put same CSS -->
<section class="skills" id="skills">
  <div class="content">
    <div class="title"><span>My Skills</span></div>
    <div class="skills-details">
      <div class="text">
        <div class="topic">Knowledge is Power</div>
        <p> I have a keen interest in data science, Machine learning and data analytics. I have done certain project as well. I have created a Hotel Management system and Online Book Store Management. In free time I generally used to watch YouTube videos on Geopolitics because I have keen interest in knowing about countries relations and geopolitical equations.</p>
        <div class="experience">
          <div class="num">10</div>
          <div class="exp">Years Of <br> Experience</div>
        </div>
      </div>
      <div class="boxes">
        <div class="box">
          <div class="topic">HTML</div>
          <div class="per">90%</div>
        </div>
        <div class="box">
          <div class="topic">CSS</div>
          <div class="per">80%</div>
        </div>
        <div class="box">
          <div class="topic">JavaScript</div>
        </div>
      </div>
    </div>
  </div>
</section>

```

```

<div class="per">70%</div>
</div>
<div class="box">
  <div class="topic">PHP</div>
  <div class="per">60%</div>
</div>
</div>
</div>
</div>
</section>

<!-- Contact Me section Start -->
<section class="contact" id="contact">
  <div class="content">
    <div class="title"><span>Contact Me</span></div>
    <div class="text">
      <div class="topic">Have Any Project?</div>
      <p>You can contact me on anmoldixit5998@gmail.com and call me on +91 6398927825</p>
      <div class="button">
        <button>Let's Chat</button>
      </div>
    </div>
  </div>
</section>

<!-- Footer Section Start -->
<footer>
  <div class="text">
    <span>Copyright<a href="#">Anmol Portfolio</a> | &#169; 2021 All Rights Reserved</span>
  </div>
</footer>

<script src="script.js"></script>
</body>
</html>

```

Output

← → ⌂ File | C:/Users/adity/Downloads/Responsive%20Personal%20Portfolio%20Website/Responsive%20Personal%20Portfolio%20Website/index.html

Paused

Portfolio.

Home About Skills Services Contact

f t i

Hello,

I am Anmol Dixit

Data Analyst

From India

Hire Me



↑

This screenshot shows a personal portfolio website. The header is blue with the word "Portfolio." and navigation links. Below the header, there's a greeting, a large title "I am Anmol Dixit" with a subtitle "Data Analyst", and a "From India" note. A "Hire Me" button is present. To the right is a portrait photo of the individual. At the bottom right is a small upward arrow icon.

← → ⌂ File | C:/Users/adity/Downloads/Responsive%20Personal%20Portfolio%20Website/Responsive%20Personal%20Portfolio%20Website/index.html

Paused

Portfolio.

Home About Skills Services Contact

f t i

About Me



Analytics Is My Passion

My name is Anmol Dixit I am pursuing BCA and currently I am in final year and it's my last semester, I have good knowledge in data analytics. I have done certified professional python programming course form cognitive classes and machine learning course from goeduhub technology which is of 2 months long training course. I am looking for great opportunity.

Download CV

↑

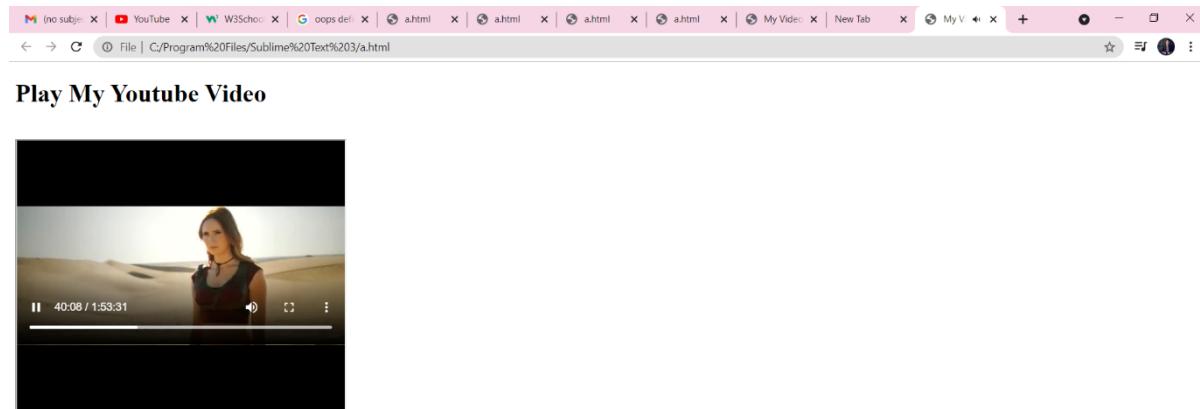
This screenshot shows the "About Me" section of the website. It features a black and white portrait of the individual. The section is titled "About Me" with a blue underline. Below the title is a paragraph about the individual's passion for analytics, mentioning their education and training. A "Download CV" button is located at the bottom of this section.

27. Create a webpage which displays a video.

```
<!DOCTYPE html>
<html>
<body>
<title>My Video Page</title>
<H1>Play My Youtube Video</H1><br>
<iframe width="420" height="345"
src="D:\movies\Jumanji_The_Next_Level_2019_Hindi_Dubbed_Full_Movie_HDCAM_(FilmyZilla.vin).mp4 ">
</iframe>

</body>
</html>
```

Output



28. Create a webpage which displays a gif image.

```
<HTML>

<HEAD> <TITLE>Activity - Insert animated GIF to HTML</TITLE> </HEAD>

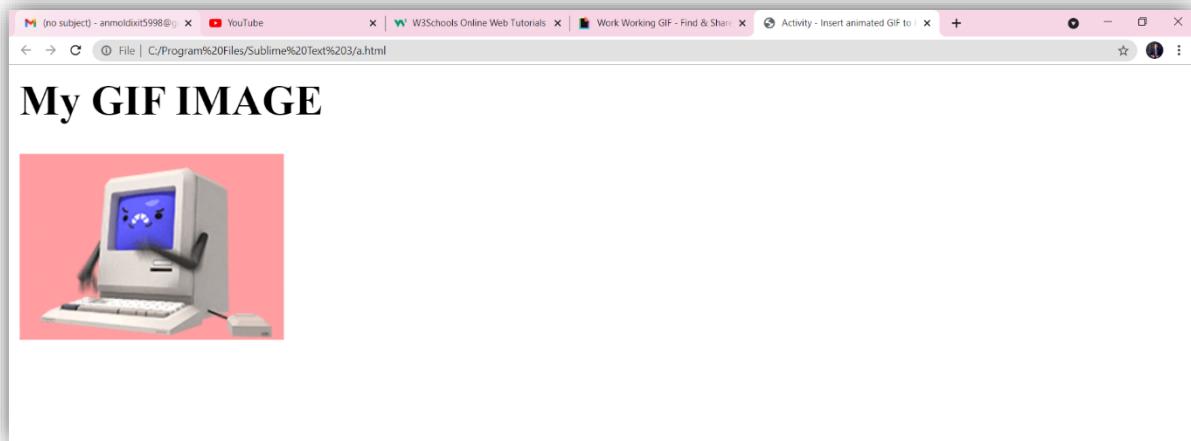
<BODY>
<h1>My GIF IMAGE</h1>

<IMG SRC="https://media.giphy.com/media/jUZmz3kAiAuLC/giphy.gif">

</BODY>

</HTML>
```

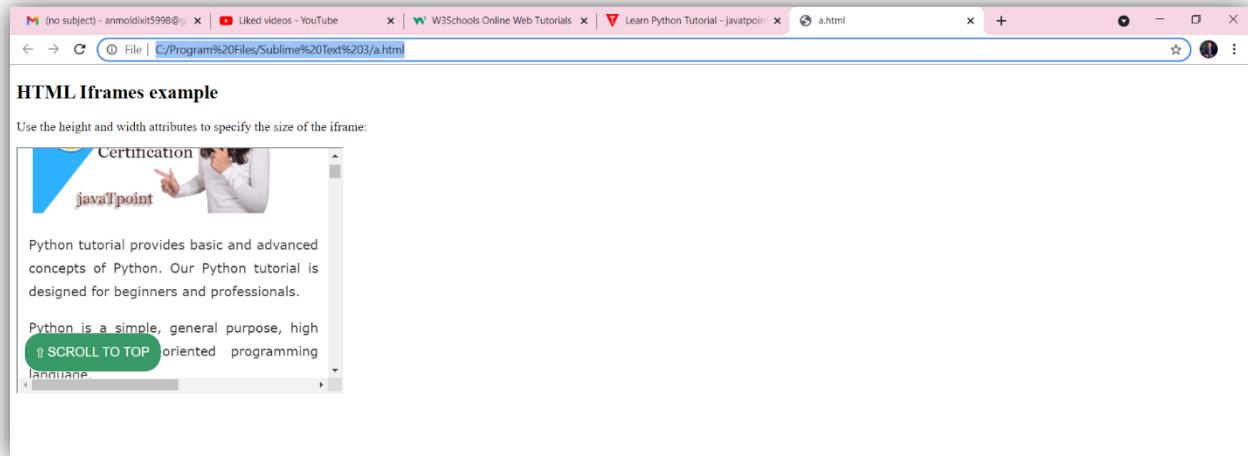
Output



29. Write HTML code to display a webpage within a webpage.

```
<!DOCTYPE html>
<html>
<body>
<h2>HTML Iframes example</h2>
<p>Use the height and width attributes to specify the size of the iframe:</p>
<iframe src="https://www.javatpoint.com/python-tutorial" height="300" width="400"></iframe>
</body>
</html>
```

Output



30. Write HTML code to create a form as follows

```
<html>
<head>
<title>Student Registration Form</title>

</head>
<style>
h3{
    font-family: Calibri;
    font-size: 25pt;
    font-style: normal;
    font-weight: bold;
    color:SlateBlue;
    text-align: center;
    text-decoration: underline
}

table{
    font-family: Calibri;
    color:white;
    font-size: 11pt;
    font-style: normal;
    font-weight: bold;
    text-align:;
    background-color: SlateBlue;
    border-collapse: collapse;
    border: 2px solid navy
}
table.inner{
    border: 0px
}
</style>

<body>
<h3>STUDENT REGISTRATION FORM</h3>

<table align="center" cellpadding = "10">
<!-- First Name ----->
<tr>
<td>FIRST NAME</td>
<td><input type="text" name="First_Name" maxlength="30"/>
(max 30 characters a-z and A-Z)
</td>
</tr>
```

```
<!---- Last Name ----->
<tr>
<td>LAST NAME</td>
<td><input type="text" name="Last_Name" maxlength="30"/>
(max 30 characters a-z and A-Z)
</td>
</tr>

<!---- Date Of Birth ----->
<tr>
<td>DATE OF BIRTH</td>

<td>
<select name="Birthday_day" id="Birthday_Day">
<option value="-1">Day:</option>
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>

<option value="4">4</option>
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>

<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>

<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
```

```
<option value="31">31</option>
</select>

<select id="Birthday_Month" name="Birthday_Month">
<option value="-1">Month:</option>
<option value="January">Jan</option>
<option value="February">Feb</option>
<option value="March">Mar</option>
<option value="April">Apr</option>
<option value="May">May</option>
<option value="June">Jun</option>
<option value="July">Jul</option>
<option value="August">Aug</option>
<option value="September">Sep</option>
<option value="October">Oct</option>
<option value="November">Nov</option>
<option value="December">Dec</option>
</select>

<select name="Birthday_Year" id="Birthday_Year">

<option value="-1">Year:</option>
<option value="2012">2012</option>
<option value="2011">2011</option>
<option value="2010">2010</option>
<option value="2009">2009</option>
<option value="2008">2008</option>
<option value="2007">2007</option>
<option value="2006">2006</option>
<option value="2005">2005</option>
<option value="2004">2004</option>
<option value="2003">2003</option>
<option value="2002">2002</option>
<option value="2001">2001</option>
<option value="2000">2000</option>

<option value="1999">1999</option>
<option value="1998">1998</option>
<option value="1997">1997</option>
<option value="1996">1996</option>
<option value="1995">1995</option>
<option value="1994">1994</option>
<option value="1993">1993</option>
<option value="1992">1992</option>
<option value="1991">1991</option>
<option value="1990">1990</option>

<option value="1989">1989</option>
<option value="1988">1988</option>
```

```

<option value="1987">1987</option>
<option value="1986">1986</option>
<option value="1985">1985</option>
<option value="1984">1984</option>
<option value="1983">1983</option>
<option value="1982">1982</option>
<option value="1981">1981</option>
<option value="1980">1980</option>
</select>
</td>
</tr>

<!----- Email Id ----->
<tr>
<td>EMAIL ID</td>
<td><input type="text" name="Email_Id" maxlength="100" /></td>
</tr>

<!----- Mobile Number ----->
<tr>
<td>MOBILE NUMBER</td>
<td>
<input type="text" name="Mobile_Number" maxlength="10" />
(10 digit number)
</td>
</tr>

<!----- Gender ----->
<tr>
<td>GENDER</td>
<td>
Male <input type="radio" name="Gender" value="Male" />
Female <input type="radio" name="Gender" value="Female" />
</td>
</tr>

<!----- Address ----->
<tr>
<td>ADDRESS <br /><br /><br /></td>
<td><textarea name="Address" rows="4" cols="30"></textarea></td>
</tr>

<!----- City ----->
<tr>
<td>CITY</td>
<td><input type="text" name="City" maxlength="30" />
(max 30 characters a-z and A-Z)
</td>
</tr>

```

```

<!---- Pin Code ----->
<tr>
<td>PIN CODE</td>
<td><input type="text" name="Pin_Code" maxlength="6" />
(6 digit number)
</td>
</tr>

<!---- State ----->
<tr>
<td>STATE</td>
<td><input type="text" name="State" maxlength="30" />
(max 30 characters a-z and A-Z)
</td>
</tr>

<!---- Country ----->
<tr>
<td>COUNTRY</td>
<td><input type="text" name="Country" value="India" readonly="readonly" /></td>
</tr>

<!---- Hobbies ----->

<tr>
<td>HOBBIES <br /><br /><br /></td>

<td>
Drawing
<input type="checkbox" name="Hobby_Drawing" value="Drawing" />
Singing
<input type="checkbox" name="Hobby_Singing" value="Singing" />
Dancing
<input type="checkbox" name="Hobby_Dancing" value="Dancing" />
Sketching
<input type="checkbox" name="Hobby_Cooking" value="Cooking" />
<br />
Others
<input type="checkbox" name="Hobby_Other" value="Other">
<input type="text" name="Other_Hobby" maxlength="30" />
</td>
</tr>

<!---- Qualification----->
<tr>
<td>QUALIFICATION <br /><br /><br /><br /><br /><br /><br /></td>

<td>

```

```

<table>

<tr>
<td align="center"><b>Sl.No.</b></td>
<td align="center"><b>Examination</b></td>
<td align="center"><b>Board</b></td>
<td align="center"><b>Percentage</b></td>
<td align="center"><b>Year of Passing</b></td>
</tr>
<tr>
<td>1</td>
<td>Class X</td>
<td><input type="text" name="ClassX_Board" maxlength="30" /></td>
<td><input type="text" name="ClassX_Percentage" maxlength="30" /></td>
<td><input type="text" name="ClassX_YrOfPassing" maxlength="30" /></td>
</tr>
<tr>
<td>2</td>
<td>Class XII</td>
<td><input type="text" name="ClassXII_Board" maxlength="30" /></td>
<td><input type="text" name="ClassXII_Percentage" maxlength="30" /></td>
<td><input type="text" name="ClassXII_YrOfPassing" maxlength="30" /></td>
</tr>
<tr>
<td>3</td>
<td>Graduation</td>
<td><input type="text" name="Graduation_Board" maxlength="30" /></td>
<td><input type="text" name="Graduation_Percentage" maxlength="30" /></td>
<td><input type="text" name="Graduation_YrOfPassing" maxlength="30" /></td>
</tr>
<tr>
<td>4</td>
<td>Masters</td>
<td><input type="text" name="Masters_Board" maxlength="30" /></td>
<td><input type="text" name="Masters_Percentage" maxlength="30" /></td>
<td><input type="text" name="Masters_YrOfPassing" maxlength="30" /></td>
</tr>
<tr>
<td></td>
<td></td>
<td align="center">(10 char max)</td>
<td align="center">(upto 2 decimal)</td>
</tr>
</table>

</td>
</tr>

<!-- Course ----->

```

```

<tr>
<td>COURSES<br />APPLIED FOR</td>
<td>
BCA
<input type="radio" name="Course_BCA" value="BCA">
B.Com
<input type="radio" name="Course_BCom" value="B.Com">
B.Sc
<input type="radio" name="Course_BSc" value="B.Sc">
B.A
<input type="radio" name="Course_BA" value="B.A">
</td>
</tr>

<!---- Submit and Reset ----->
<tr>
<td colspan="2" align="center">
<input type="submit" value="Submit">
<input type="reset" value="Reset">
</td>
</tr>
</table>
</form>
</body>
</html>

```

Output

The screenshot shows a web browser window with a tab bar at the top containing multiple open tabs. The active tab is titled "para.html". Below the tabs, the browser's address bar shows the file path "C:/Program%20Files/Sublime%20Text%203/para.html". The main content area displays a "STUDENT REGISTRATION FORM" with the following fields:

- FIRST NAME:** [Input field] (max 30 characters a-z and A-Z)
- LAST NAME:** [Input field] (max 30 characters a-z and A-Z)
- DATE OF BIRTH:** [Input field] (Day: Month: Year: dropdown menus)
- EMAIL ID:** [Input field]
- MOBILE NUMBER:** [Input field] (10 digit number)
- GENDER:** Male Female
- ADDRESS:** [Input field]
- CITY:** [Input field] (max 30 characters a-z and A-Z)
- PIN CODE:** [Input field] (6 digit number)
- STATE:** [Input field] (max 30 characters a-z and A-Z)
- COUNTRY:** India
- HOBBIES:** Drawing Singing Dancing Sketching
Others
- QUALIFICATION:** [Table]

SL.No.	Examination	Board	Percentage	Year of Passing
1	Class X			
2	Class XII			
3	Graduation			
4	Masters			

31. Write a HTML code to divide a browser window into 2 sections.

```
<!DOCTYPE html>
<html>

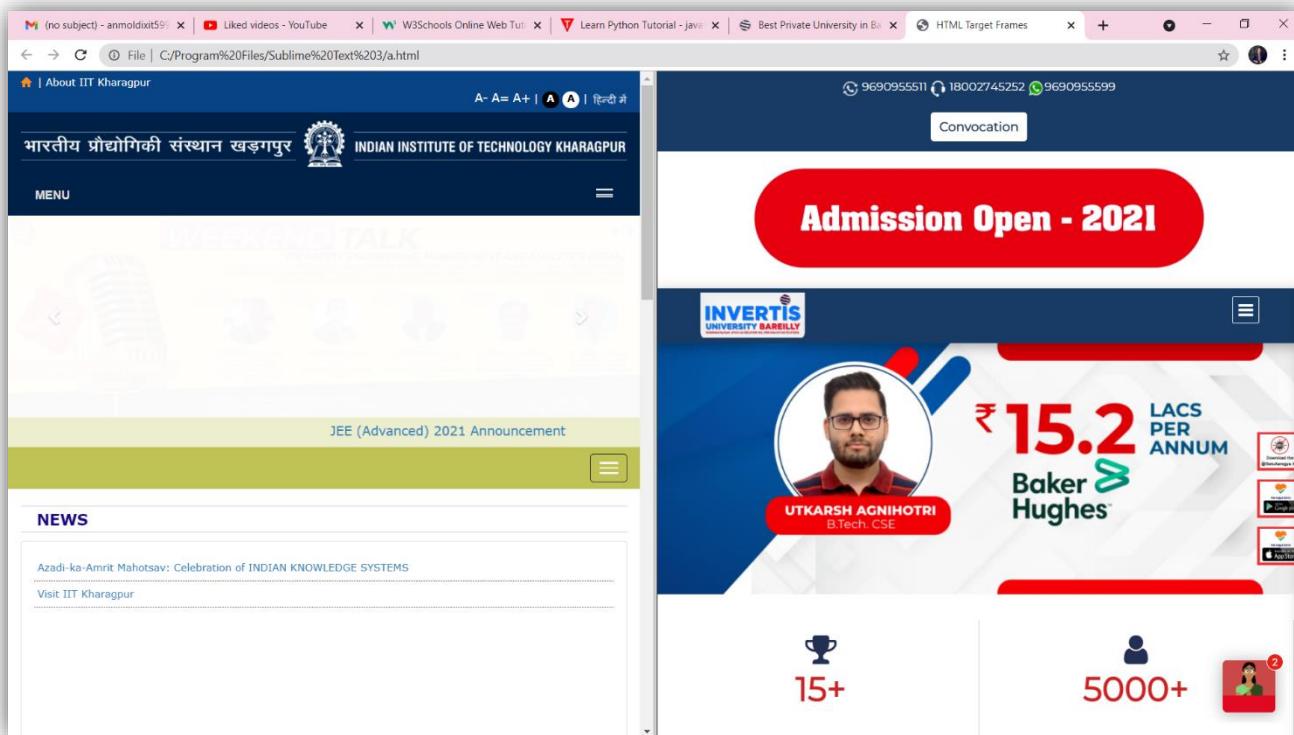
<head>
    <title>HTML Target Frames</title>
</head>

<frameset cols = "*,*">
    <frame src = "Best Private University in Bareilly, Uttar Pradesh _ Invertis University.html" name = "menu_page" />
    <frame src = "Invertis ERP System....html" name = "main_page" />

<noframes>
    <body>Your browser does not support frames.</body>
</noframes>
</frameset>

</html>
```

Output



Code related to CSS

- 32. Create a web-page which displays three paragraphs, where first paragraph should be in Monotype Corsiva font, color must be green and text must be inside a dashed border, second paragraph should be in Comic Sans font, color must be red, background color should be yellow and text must be inside a double border and third paragraph must be bold and italic as well as font size must be 30px respectively using inline CSS.**

```
<!DOCTYPE html>
<html>
<body>

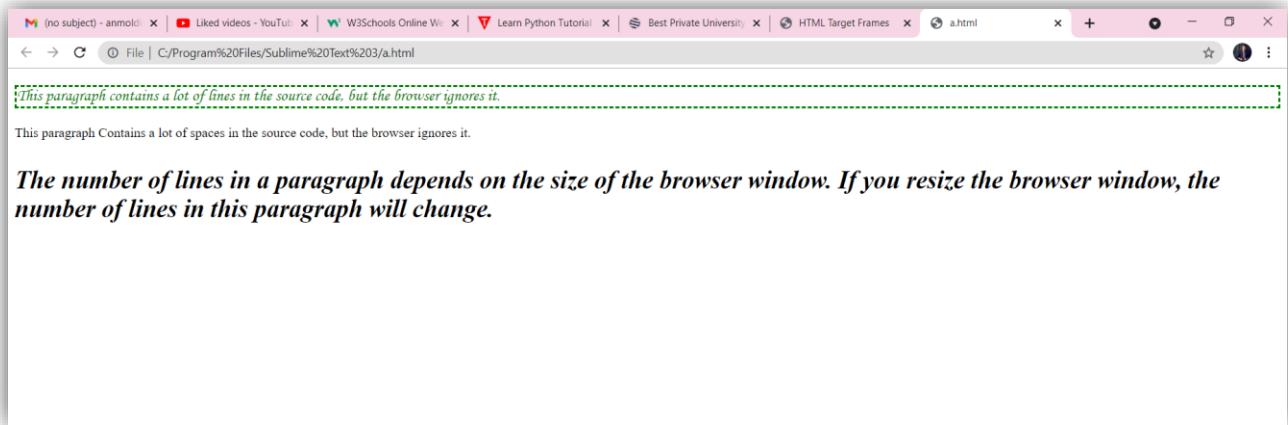
<p style=" font-family: 'Monotype Corsiva'; color: green; border-style: dashed; font-size: 20px">
This paragraph
contains a lot of lines
in the source code,
but the browser
ignores it.
</p>

<p style=" font-family: 'Comic Sans MS'; color: red ; border-style: double; background: yellow; font-size: 20px">
This paragraph
Contains a lot of spaces
in the source code,
but the browser
ignores it.
</p>

<p style=" font-weight: bold; font-style: italic; font-size: 30px">
The number of lines in a paragraph depends on the size of the browser window. If you resize the browser window, the
number of lines in this paragraph will change.
</p>

</body>
</html>
```

Output



This paragraph Contains a lot of spaces in the source code, but the browser ignores it.

The number of lines in a paragraph depends on the size of the browser window. If you resize the browser window, the number of lines in this paragraph will change.

33. Create a web-page which displays two paragraphs, one image and one heading, where first paragraph should be in Monotype Corsiva font, color must be green and text must be inside a dashed border, second paragraph should be in Comic Sans font, color must be red, background color should be yellow and text must be inside a double border, image must be of size 300x460 with border and heading must be bold and italic as well as font size must be 30px respectively using internal CSS.

```
<!DOCTYPE html>
<html>
<body>
<style>
#Taj{
    font-family: 'Monotype Corsiva';
    color:green;
    border-style: dashed;
    font-size: 30px;
}

#Red{
    font-family: 'Comic Sans MS';
    color:red;
    border-style:double;
    background: yellow;
    font-size: 30px;
}

</style>
<div id="Taj">
<h1>The Taj Mahal</h1>

<p>
Taj Mahal, also spelled Tadj Mahall, mausoleum complex in Agra, western Uttar Pradesh state, northern India. The Taj Mahal was built by the Mughal emperor Shah Jahān (reigned 1628–58) to immortalize his wife Mumtaz Mahal ("Chosen One of the Palace"), who died in childbirth in 1631, having been the emperor's inseparable companion since their marriage in 1612.
</p>
</div>
<br>
<div id="Red">
<h1>The Red Fort</h1>

<p>
Red Fort, also called Lal Qal'ah, also spelled Lal Kila or Lal Qila, Mughal fort in Old Delhi, India. It was built by Shah Jahān in the mid-17th century and remains a major tourist attraction. The fort was designated a UNESCO World Heritage site in 2007.
</p>
</div>
```

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

Output

The Taj Mahal



Taj Mahal, also spelled *Taqi Mahal*, mausoleum complex in Agra, western Uttar Pradesh state, northern India. The *Taj Mahal* was built by the Mughal emperor Shah Jahan (reigned 1628–58) to immortalize his wife Mumtaz Mahal ("Chosen One of the Palace"), who died in childbirth in 1631, having been the emperor's inseparable companion since their marriage in 1612.

The Red Fort



Red Fort, also called Lal Qila, also spelled Lal Kila or Lal Qila, Mughal fort in Old Delhi, India. It was built by Shah Jahan in the mid-17th century and remains a major tourist attraction. The fort was designated a UNESCO World Heritage site in 2007.

- 34. Create a web-page which makes use of an external CSS to display two paragraphs, one image and one heading, where first paragraph should be in Monotype Corsiva font, color must be green and text must be inside a dashed border, second paragraph should be in Comic Sans font, color must be red, background color should be yellow and text must be inside a double border, image must be of size 300x460 with border and heading must be bold and italic as well as font size must be 30px respectively. Name the external CSS file as test.css**

```
<!DOCTYPE html>

<html>
<body>
<link rel="stylesheet" href="test.css">
<div id="Taj">
<h1>The Taj Mahal</h1>

<p>
Taj Mahal, also spelled Tadj Mahall, mausoleum complex in Agra, western Uttar Pradesh state, northern India. The Taj Mahal was built by the Mughal emperor Shah Jahān (reigned 1628–58) to immortalize his wife Mumtaz Mahal ("Chosen One of the Palace"), who died in childbirth in 1631, having been the emperor's inseparable companion since their marriage in 1612.
</p>
</div>
<br>
<div id="Red">
<h1>The Red Fort</h1>

<p>
Red Fort, also called Lal Qal'ah, also spelled Lal Kila or Lal Qila, Mughal fort in Old Delhi, India. It was built by Shah Jahān in the mid-17th century and remains a major tourist attraction. The fort was designated a UNESCO World Heritage site in 2007.
</p>
</div>
```

```
</body>
```

```
</html>
```

Output

The screenshot shows a web browser window with a toolbar at the top containing various icons and links. Below the toolbar, there are two search results displayed in separate boxes.

The Taj Mahal
The Taj Mahal, also spelled Taj Mahali, is a mausoleum complex in Agra, western Uttar Pradesh state, northern India. The Taj Mahal was built by the Mughal emperor Shah Jahan (reigned 1628–58) to immortalize his wife Mumtaz Mahal ("Chosen One of the Palace"), who died in childbirth in 1631, having been the emperor's inseparable companion since their marriage in 1612.

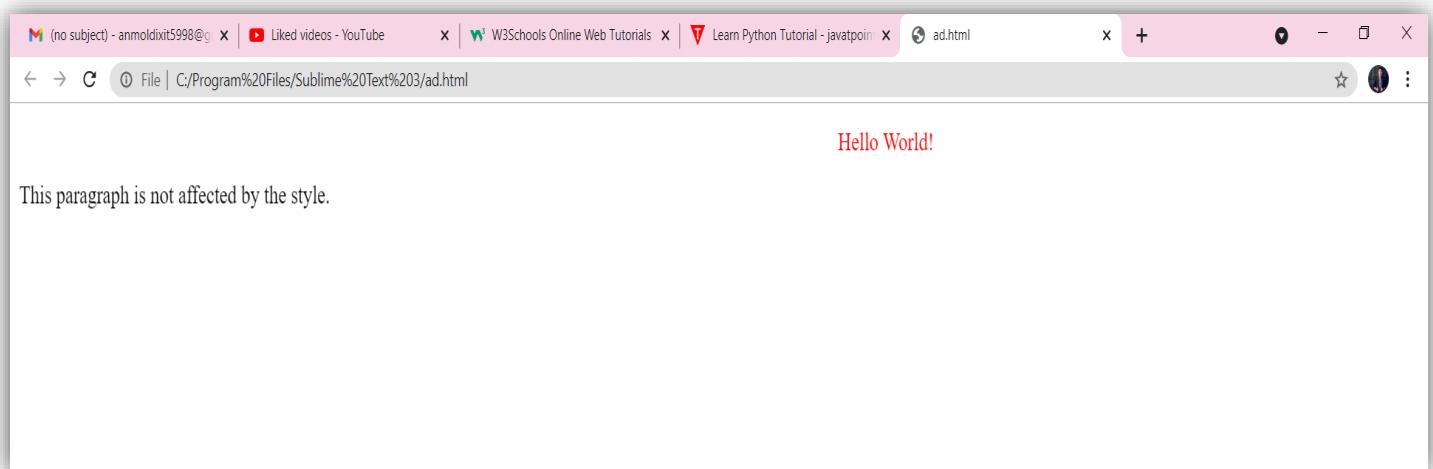
The Red Fort
Red Fort, also called Lal Qila or Lal Qila, Mughal fort in Old Delhi, India. It was built by Shah Jahan in the mid-17th century and remains a major tourist attraction. The fort was designated a UNESCO World Heritage site in 2007.

35. Create a web-page which shows the relevance of ID selector. (Hint: #h1 and #p)

```
<!DOCTYPE html>

<html>
<head>
<style>
#para1 {
    text-align: center;
    color: red;
}
</style>
</head>
<body>
<p id="para1">Hello World!</p>
<p>This paragraph is not affected by the style.</p>
</body>
</html>
```

Output

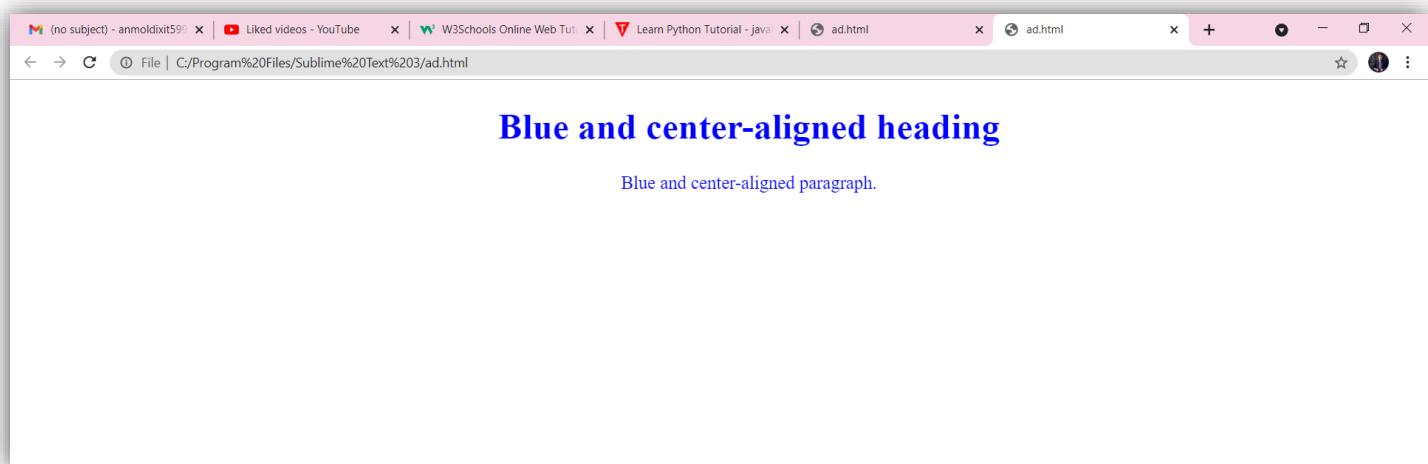


36. Create a web-page which shows the relevance of class selector. (Hint: .h1 and .h6)

```
<!DOCTYPE html>

<html>
<head>
<style>
.center {
text-align: center;
color: Blue;
}
</style>
</head>
<body>
<h1 class="center">Blue and center-aligned heading</h1>
<p class="center">Blue and center-aligned paragraph.</p>
</body>
</html>
```

Output

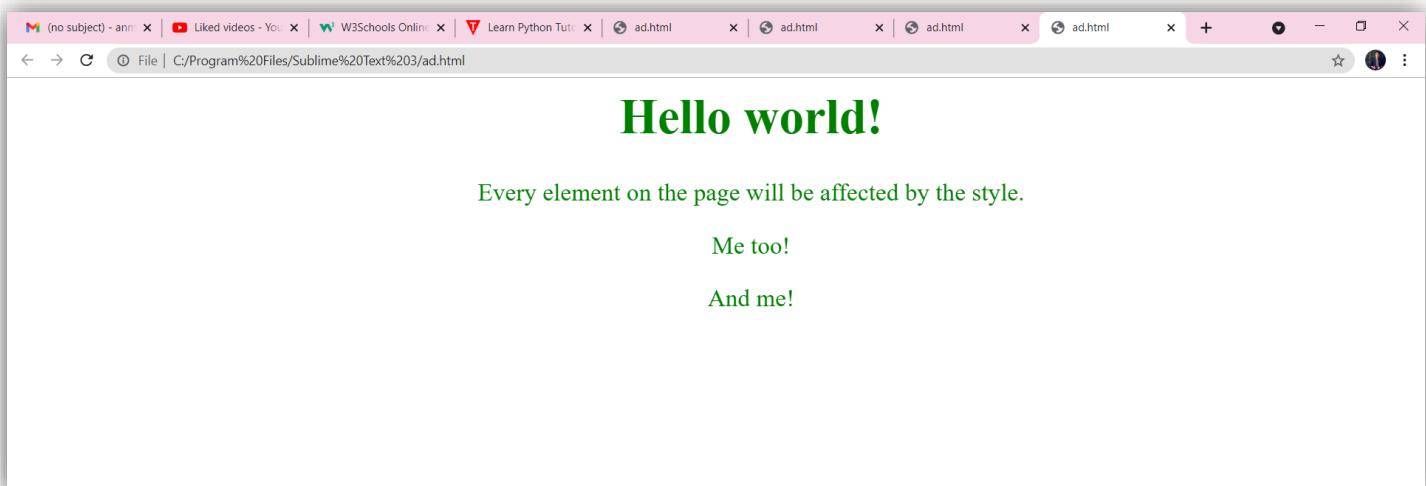


37. Create a web-page which shows the relevance of universal selector. (Hint: *)

```
<!DOCTYPE html>

<html>
<head>
<style>
* {
text-align: center;
color: blue;
}
</style>
</head>
<body>
<h1>Hello world!</h1>
<p>Every element on the page will be affected by the style.</p>
<p id="para1">Me too!</p>
<p>And me!</p>
</body>
</html>
```

Output



38. Show how a comment is mentioned in a CSS and HTML file.

```
<!DOCTYPE html>

<html>

<head>

<style>

p {

    color: red; /* Set text color to red */

}

</style>

</head>

<body>

<h2>My Heading</h2>

<!-- These paragraphs will be red -->

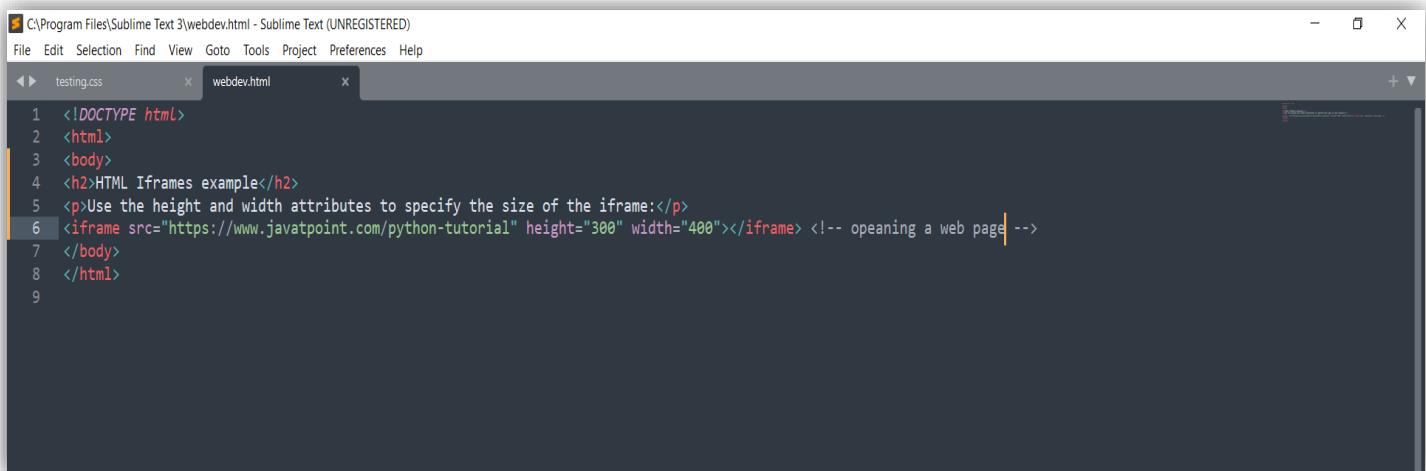
<p>Hello World!</p>

<p>This paragraph is styled with CSS.</p>

</body>

</html>
```

Output



C:\Program Files\Sublime Text 3\webdev.html - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

testing.css webdev.html

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4 <h2>HTML Iframes example</h2>
5 <p>Use the height and width attributes to specify the size of the iframe:</p>
6 <iframe src="https://www.javatpoint.com/python-tutorial" height="300" width="400"></iframe> <!-- opeaning a web page -->
7 </body>
8 </html>
9
```

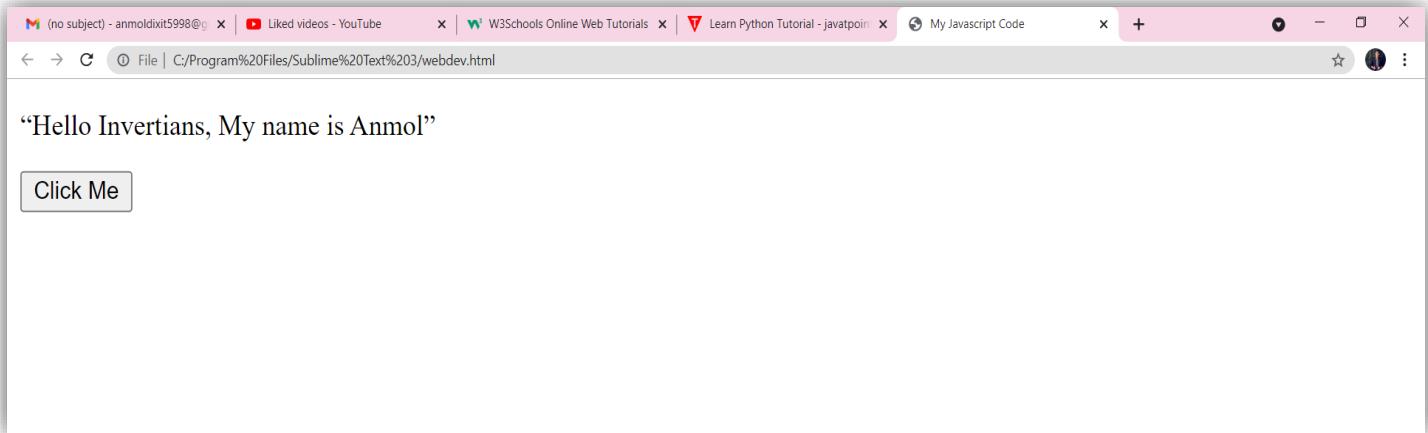
Code related to JavaScript

- 39.** Create a web-page which displays a paragraph with text “Hello Invertian, Nice to see you” and a button with text Click Me. Write JavaScript to replace the text of paragraph with the text “Welcome to My first JavaScript page”.

```
<!DOCTYPE html>

<html>
<head>
<title>My Javascript Code</title>
</head>
<body>
<p id="p1">“Hello Invertians, Nice to see you”</p>
<button onclick="document.getElementById('p1').innerHTML = 'Hello Invertisan, My name is Anmol'">Click Me</button>
</body>
</html>
```

Output



40. Create a web-page which displays a paragraph with text “Click the command button to know the Date and Time” and a button with text Click Me. Write JavaScript to replace the text of paragraph with the current system date and time when user clicks the button.

```
<!DOCTYPE html>

<html>

<body>

<p>Click the command button to know the Date and Time“</p>

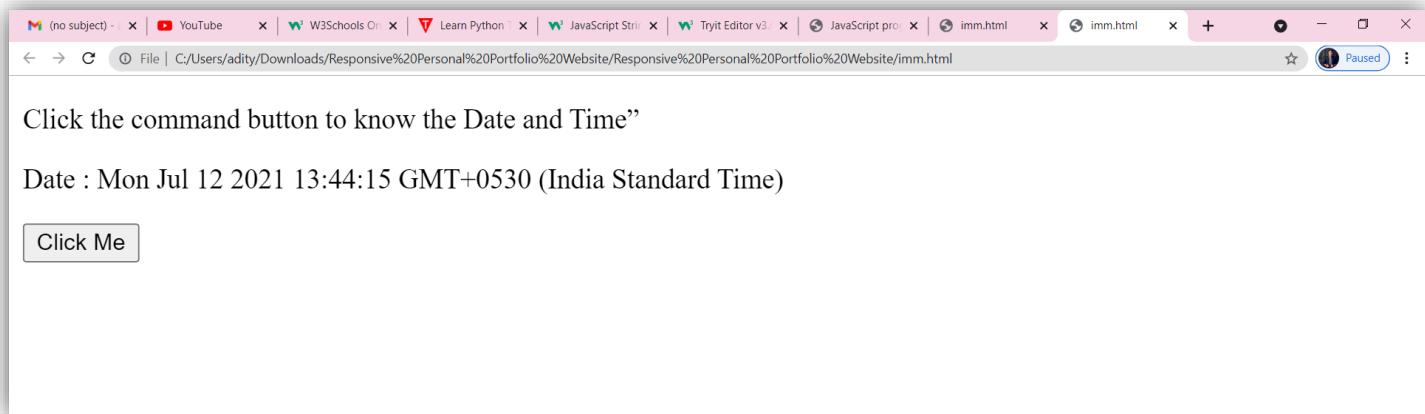
<p id="demo"></p>

<button onclick= "document.getElementById('demo').innerHTML = 'Date : ' + Date();"> Click Me</button>

</body>

</html>
```

Output



41. Create a web page which displays 5 command buttons with the text KIWI, WATERMELON, CUSTARD APPLE, PAPAYA and STRAWBERRY. When user clicks on any of the command button related fruit image must be displayed on the web-page. By default the image must be yours.

```
<!DOCTYPE html>

<html>
<body>
<style>
#myImage {
    display: block;
    margin-left: 110px;
    margin-right: auto;
    width: 20%;
    border-style: solid;
}
button{
    border-color: orange;
    border-style: solid;
}
body{
    border-style: solid;
    border-color: orange;
    margin-right: 900px;
    padding-bottom: 30px;
    padding-left: 30px;
}
</style>

<h2 style="margin-left: 100px; color: orange;">My Fruit Gallery</h2>
```

```

<p style="margin-left:50px;">Click On Fuit Button To See Fruit Images</p>

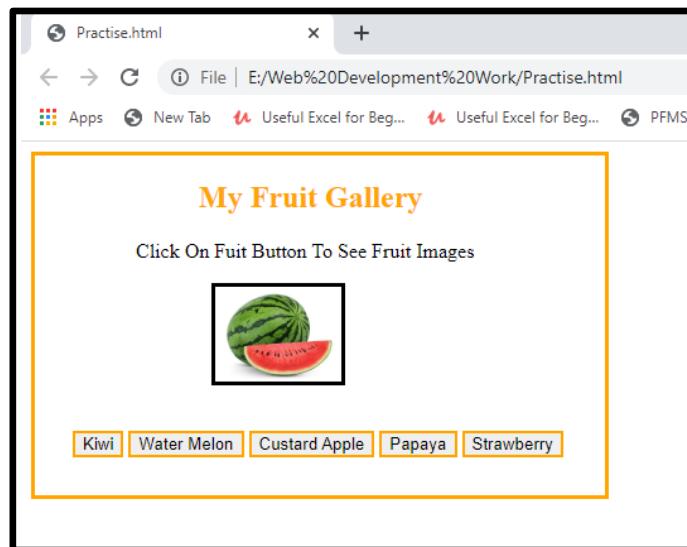
<br><br>

<button onclick="document.getElementById('myImage').src='Kiwi.jpg'">Kiwi</button>
<button onclick="document.getElementById('myImage').src='water.jpg'">Water Melon</button>
<button onclick="document.getElementById('myImage').src='Castard.jpg'">Custard Apple</button>
<button onclick="document.getElementById('myImage').src='papaya.jpg'">Papaya</button>
<button onclick="document.getElementById('myImage').src='straw.jpg'">Strawberry</button>

</body>
</html>

```

Output



42. Create a web-page which displays a paragraph, on mouse over the paragraph it should get highlighted with green color and font-size must be raised.

```
<!DOCTYPE html>

<html>

<head>
<style>

p.ex1:hover, a.ex2:active {font-size: 120%;}

p.ex1:hover, a.ex3:active {background: greenyellow;}

</style>
</head>

<body>

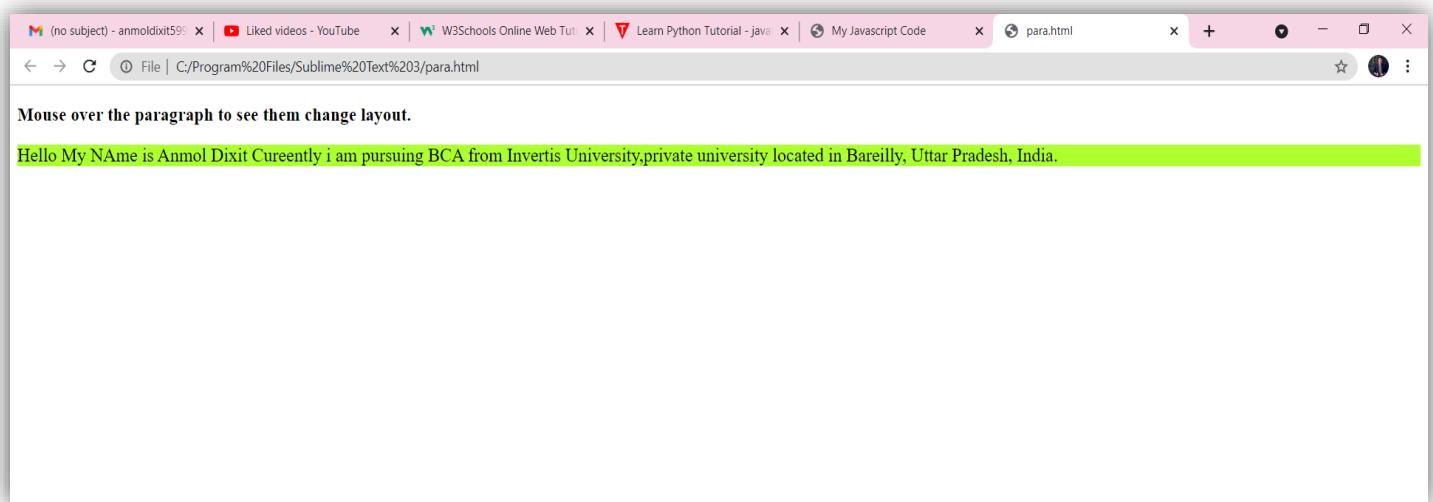
<h3>Mouse over the paragraph to see them change layout.</h3>

<p class="ex1">Invertis University is a private university located in Bareilly, Uttar Pradesh, India. It is situated on Bareilly-Lucknow NH-24, equidistant 250 km from the national capital Delhi and state capital Lucknow</p>

</body>

</html>
```

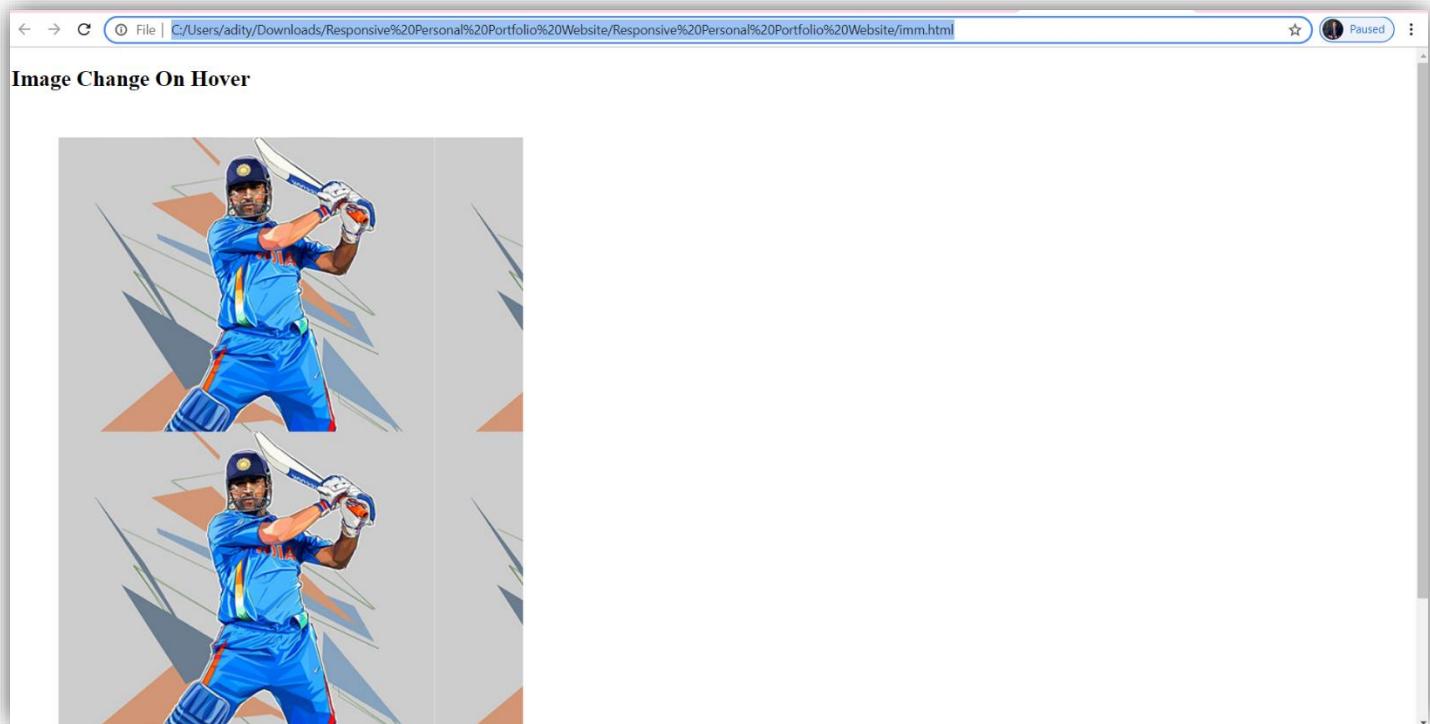
Output



43. Create a web-page to display an image on mouse over and mouse out images must get changed.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>
Image Change On Hover
</title>
<style>
.sudo {
width: 500px;
height: 750px;
margin: 50px;
background-image: url(
"https://static.wikia.nocookie.net/vsbattles/images/3/37/Doraemon_renderImproved.png/revision/latest?cb=20190730170109");
}
.sudo:hover {
background-image: url(
"https://i.pinimg.com/736x/e9/e2/e4/e9e2e49b5af192f3f48ba56c758e2e76.jpg");
}
</style>
</head>
<body>
<h2>
Image Change On Hover
</h2>
<div class="sudo"></div>
</body>
</html>
```

Output

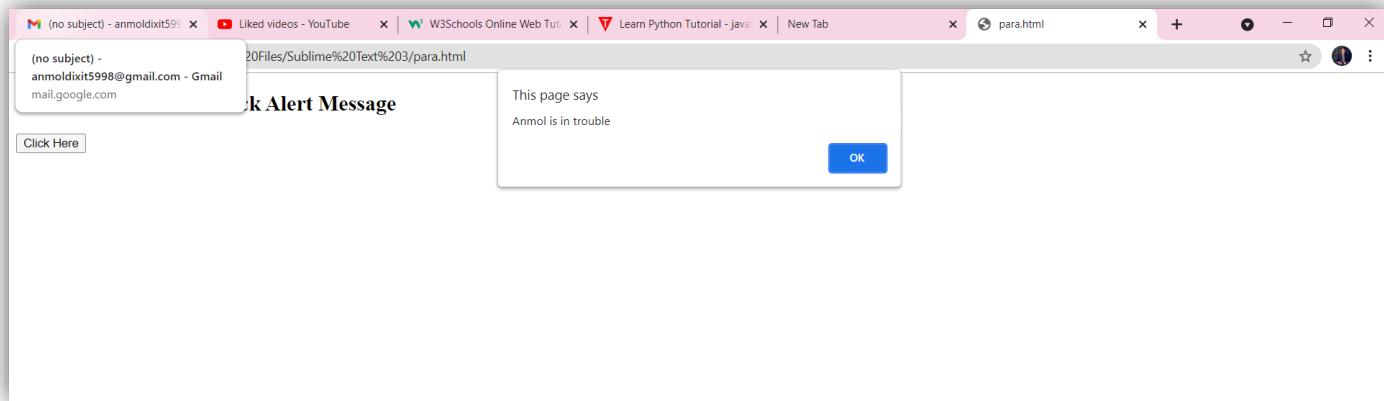


44. Write JavaScript code to display an alert box on click event of a button.

```
<!DOCTYPE html>

<html>
<body>
<h2>Click On Button To Check Alert Message</h2>
<button onclick="myFunction()">Click Here</button>
<script>
function myFunction() {
    alert("Anmol is in trouble");
}
</script>
</body>
</html>
```

Output

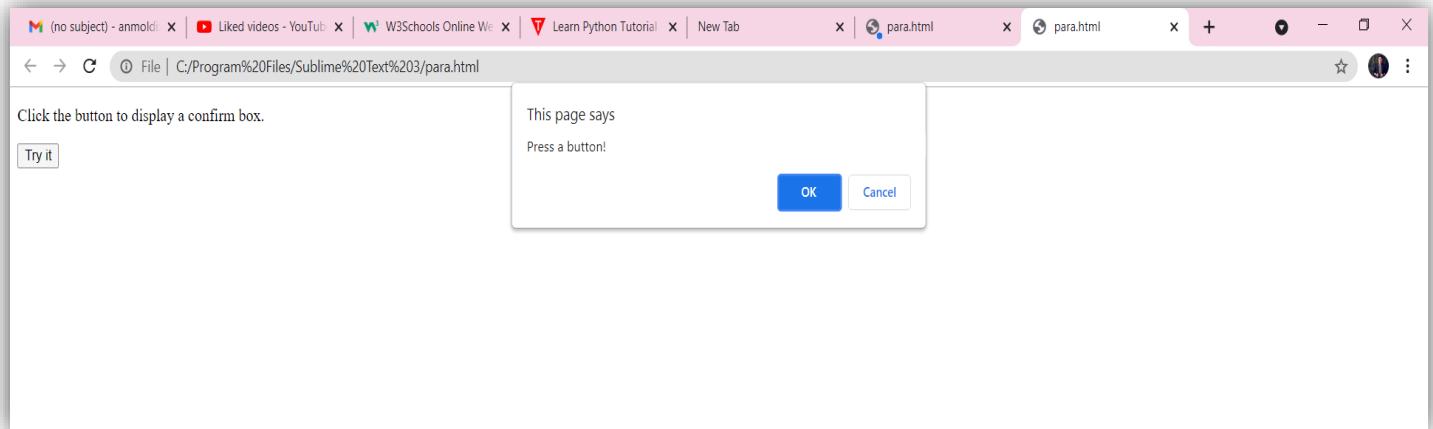


45. Write JavaScript code to display a confirm box on click event of a button.

```
<!DOCTYPE html>

<html>
<body>
<p>Click the button to display a confirm box.</p>
<button onclick="myFunction()">Try it</button>
<script>
function myFunction() {
    confirm("Press a button!");
}
</script>
</body>
</html>
```

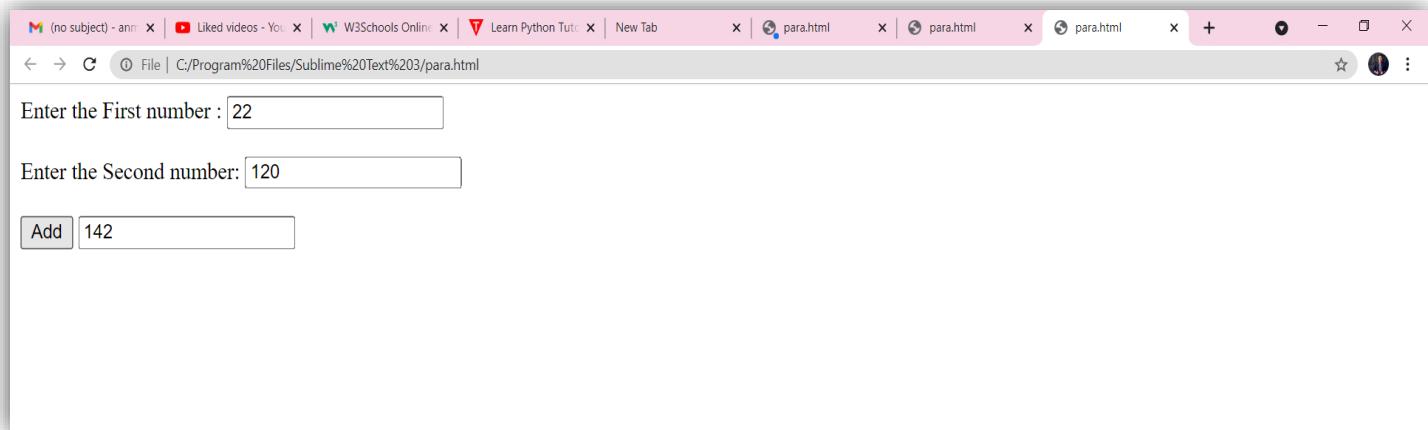
Output



46. Write JavaScript code to read two integers from user and add them. Display the sum.

```
<!doctype html>
<html>
<head>
<script>
function add(){
var a,b,c;
a=Number(document.getElementById("first").value);
b=Number(document.getElementById("second").value);
c= a + b;
document.getElementById("answer").value= c;
}
</script>
</head>
<body>
Enter the First number : <input id="first"><br><br>
Enter the Second number: <input id="second"><br><br>
<button onclick="add()">Add</button>
<input id="answer">
</body>
</html>
```

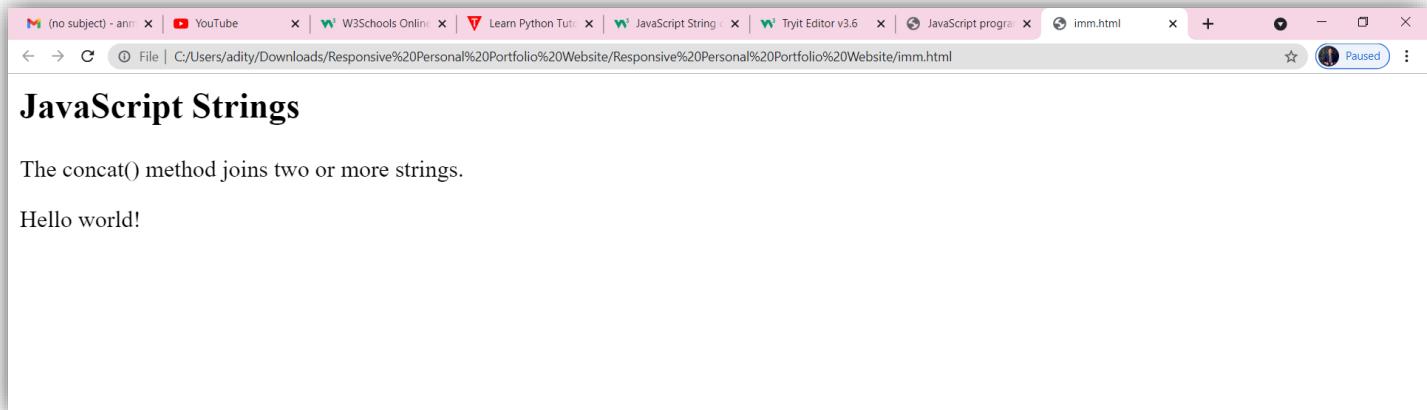
Output



47. Write JavaScript code to read two strings from user and concatenation them. Display the resulting string.

```
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript Strings</h2>
<p>The concat() method joins two or more strings.</p>
<p id="demo"></p>
<script>
let str1 = "Hello ";
let str2 = "world!";
document.getElementById("demo").innerHTML = str1.concat(str2);
</script>
</body>
</html>
```

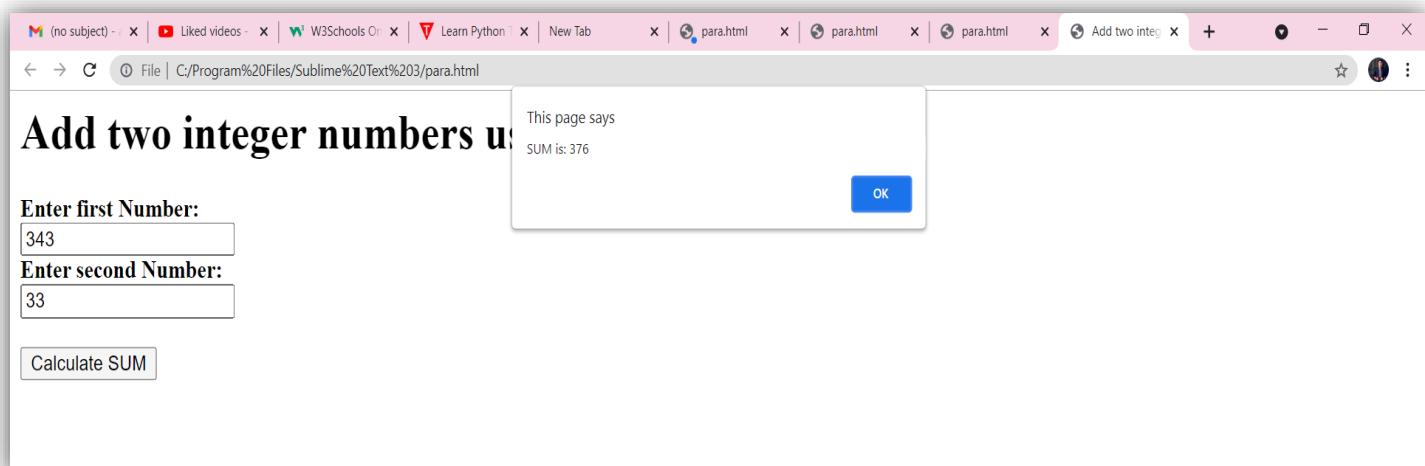
Output



48. Write JavaScript code to read two integers from user through textbox and add them. Display the sum.

```
<html>
<head>
<title>Add two integer numbers using JavaScript.</title>
<script type="text/javascript">
function addTwoNumbers(textBox1, textBox2){
    var x=document.getElementById(textBox1).value;
    var y=document.getElementById(textBox2).value;
    var sum=0;
    sum=Number(x)+Number(y);
    alert("SUM is: " + sum);
}
</script>
</head>
<body>
<h1>Add two integer numbers using JavaScript.</h1>
<b>Enter first Number:</b><br>
<input type="text" id="textIn1"/><br>
<b>Enter second Number:</b><br>
<input type="text" id="textIn2"/><br><br>
<input type="button" id="btnSum" value="Calculate SUM"
onClick="addTwoNumbers('textIn1','textIn2')"/>
</body>
</html>
```

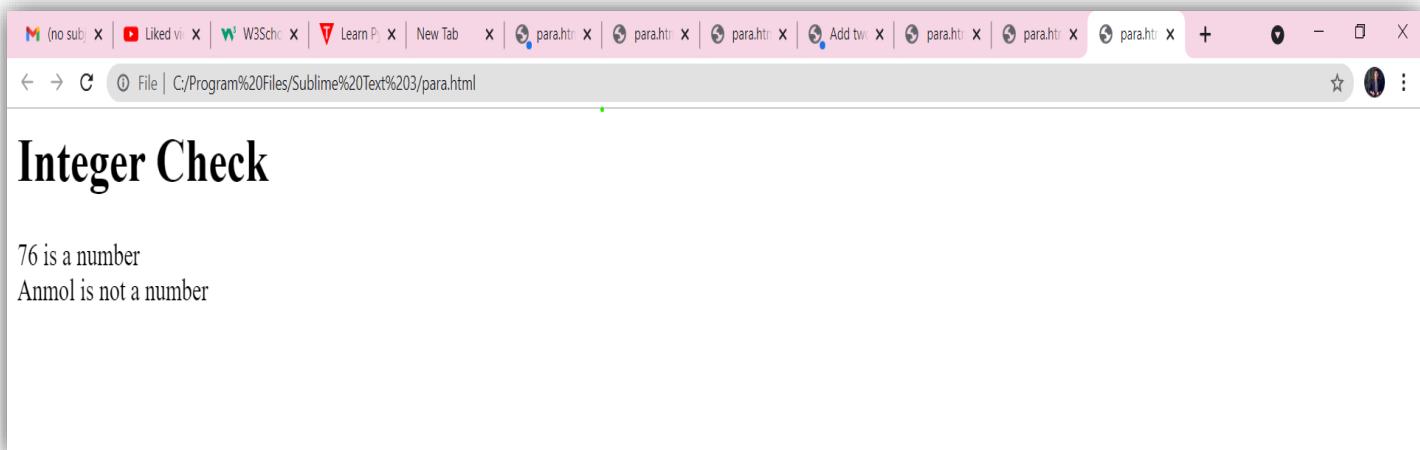
Output:



49. Write JS code to check whether user has entered a number or not.

```
<html>
<head></head>
<body>
<h1>Integer Check</h1>
<script type="text/javascript">
var num1 = 100;
if(isNaN(num1)){
    document.write(num1 + " is not a number <br/>");
}else{
    document.write(num1 + " is a number <br/>");
}
var str1 = "Anmol"
if(isNaN(str1)){
    document.write(str1 + " is not a number <br/>");
}else{
    document.write(str1 + " is a number <br/>");
}
</script>
</body>
</html>
```

Output



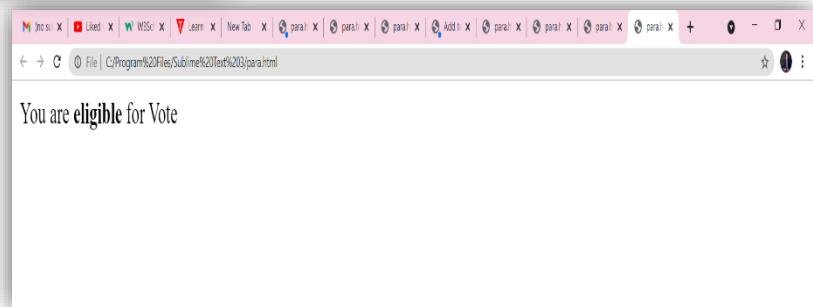
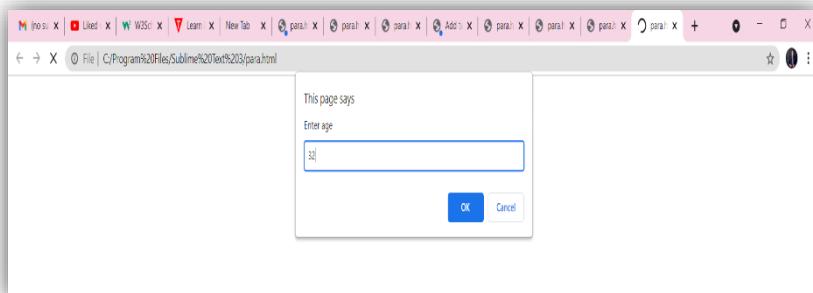
The screenshot shows a web browser window with multiple tabs open at the top. The active tab displays the content of the 'para.html' file. The page title is 'Integer Check'. The output of the script is visible in the body of the page:

```
76 is a number
Anmol is not a number
```

50. Write JS code to check whether a user is eligible to participate in elections or not

```
<html lang="en">
<head>
<script>
    function validate(age){
        var ans="not eligible";
        if(age>=18){
            ans="eligible";
        }
        return(ans);
    }
</script>
</head>
<body>
<script>
    var age=parseInt(prompt("Enter age"));
    var status=validate(age);
    document.write("You are <b>" +status+ "</b> for Vote");
</script>
</body>
</html>
```

Output



51. Write JS code to validate an email id, telephone number, etc.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>JavaScript form validation - checking email</title>
<link rel='stylesheet' href='form-style.css' type='text/css' />
</head>
<body onload='document.form1.text1.focus()'>
<div class="mail">
<h2>Input an email and Submit</h2>
<form name="form1" action="#">
<ul>
<li><input type='text' name='text1' /></li>
<li>&nbsp;</li>
<li class="submit"><input type="submit" name="submit" value="Submit"
onclick="ValidateEmail(document.form1.text1)"/></li>
<li>&nbsp;</li>
</ul>
</form>
</div>
<script src="email-validation.js"></script>
</body>
</html>
```

CSS Code

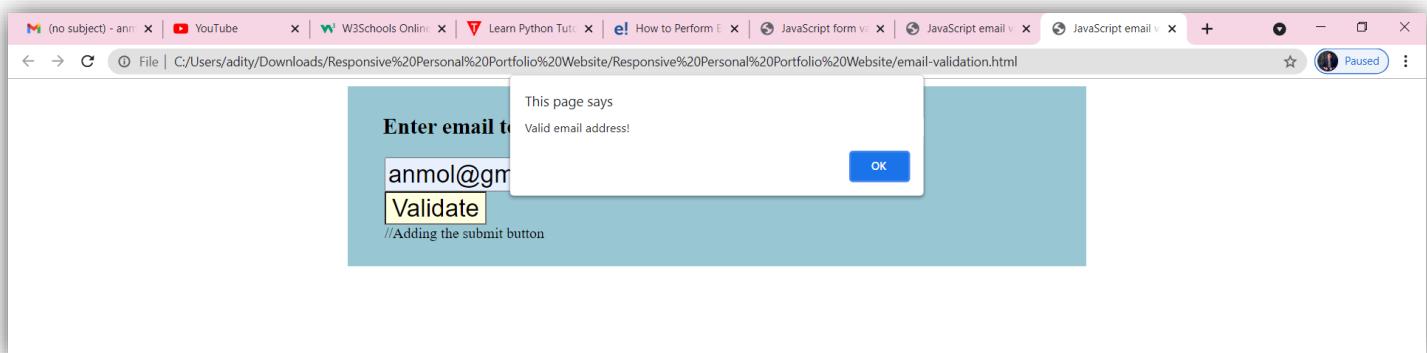
```
li {list-style-type: none;
font-size: 16pt;
}
.mail {
padding-top: 10px;
padding-bottom: 10px;
width: 400px;
background : #D8F1F8;
border: 1px solid silver;
}
.mail h2 {
margin-left: 38px;
}
```

```
input {
font-size: 20pt;
}
input:focus, textarea:focus{
background-color: lightyellow;
}
input submit {
font-size: 12pt;
}
.rq {
color: #FF0000;
font-size: 10pt;
}
```

Java Script code

```
function ValidateEmail(inputText)
{
var mailformat = /^[a-zA-Z0-9.!#$%&'*+=?^_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-]+)*$/;
if(inputText.value.match(mailformat))
{
alert("Valid email address!");
document.form1.text1.focus();
return true;
}
else
{
alert("You have entered an invalid email address!");
document.form1.text1.focus();
return false;
}
}
```

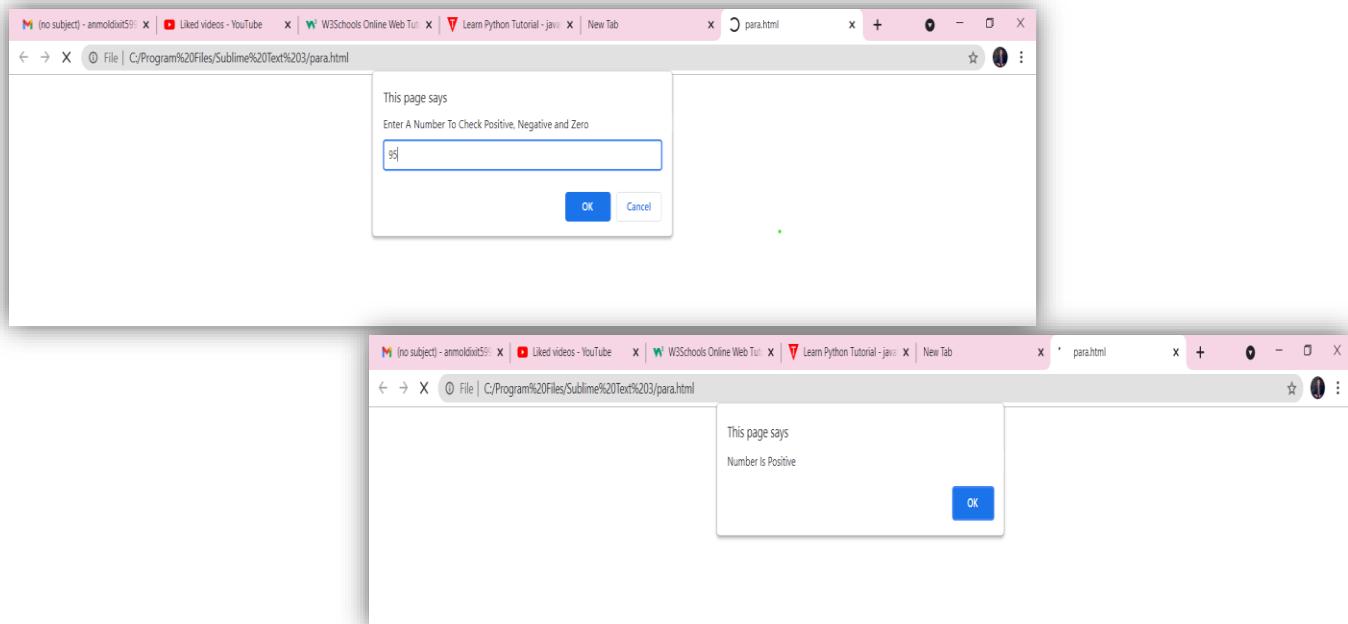
Output



52. Write JS code to check whether the number entered by user is positive, negative or zero.

```
<script type="text/javascript">
number = prompt("Enter A Number To Check Positive, Negative and Zero");
if (number > 0){
    alert("Number Is Positive");
} else if (number == 0){
    alert("Number Is Zero");
} else if (number < 0){
    alert("Number Is Negative");
} else{
    alert("Please Enter A Valid Number");
}</script>
```

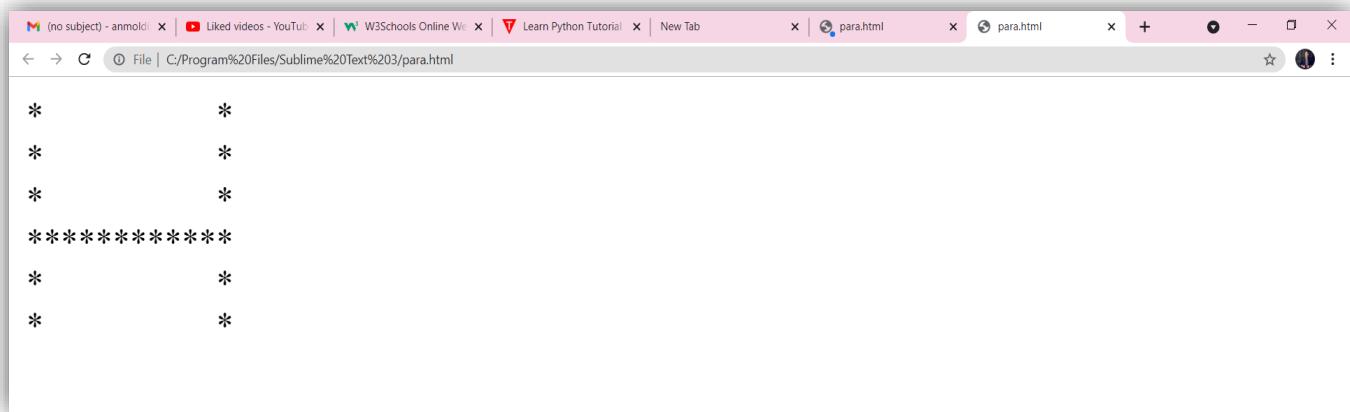
Output



53. Write JS code to display a pattern as below

```
<html>
<head><title> Pattern</title>
</head>
<body>
<h1>SEE YOUR PATTERN</h1>
<button onclick="myfunction()">click here</button>
<script>
function myfunction()
{
for(i=0; i<=5; i++)
{
for(j=0; j<=11; j++)
{
if(j==0 || j==11 || i==3)
{
document.write('*');
}
else
{
document.write(' &ampnbsp');
}
}
document.write("<br>");
}
}
</script>
</body>
</html>
```

Output



The screenshot shows a web browser window with multiple tabs open. The active tab is titled "para.html" and contains the following text:

```
*      *
*      *
*      *
*****
*      *
*      *
```

54. Write JS code to display the day name using switch case.

```
<html>
<head>
<title>JavaSrcipt</title>

</head>
<body>
<h1 id="demo"></h1>
<script>
let day;
switch (new Date().getDay())
{
case 0:
    day="Sunday";
    break;
case 1:
    day="Monday";
    break;
case 2:
    day="Tuesday";
    break;
case 3:
    day="Wednesday";
    break;
case 4:
    day="Thursday";
    break;
case 5:
    day="Friday";
    break;
case 6:
    day="Saturaday";
    break;
}

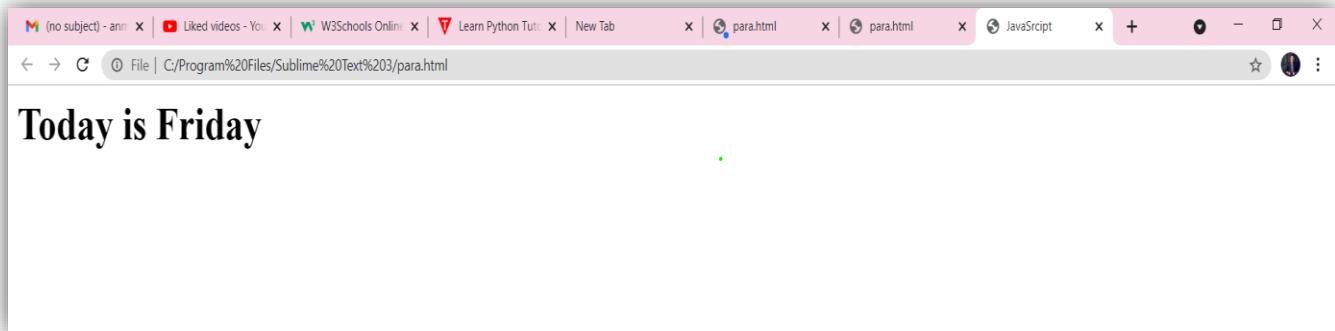
document.getElementById("demo").innerHTML = "Today is " + day;

</script>

</body>
```

```
</html>
```

Output



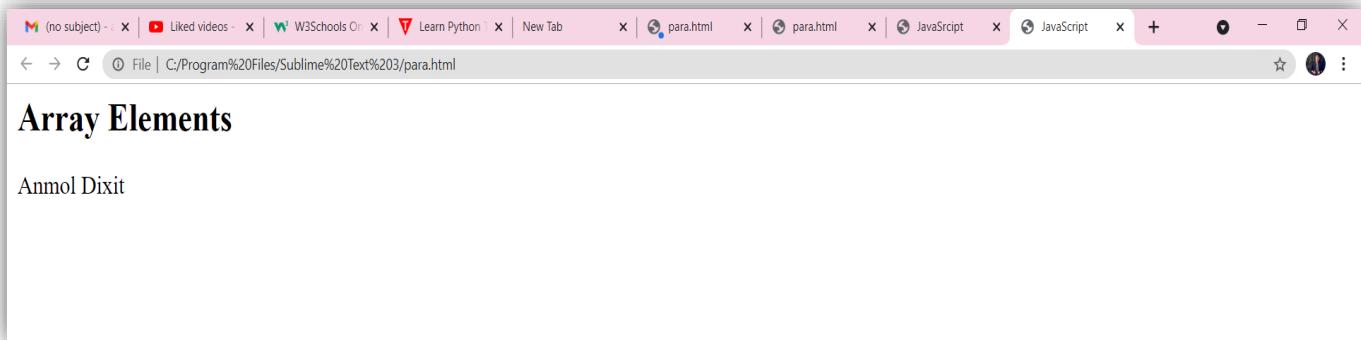
55. Write JS code create an array and accessing it.

```
<html>
<head>
<title> JavaScript
</title>
</head>
<body>
<h2> Array Elements</h2>
<p id="array"></p>
<script>

var bca=[" Anmol "," Dixit "];

var a="";
for(i=0;i<2;i++)
{
a+=bca[i];
document.getElementById("array").innerHTML=a;
}
</script>
</body>
</html>
```

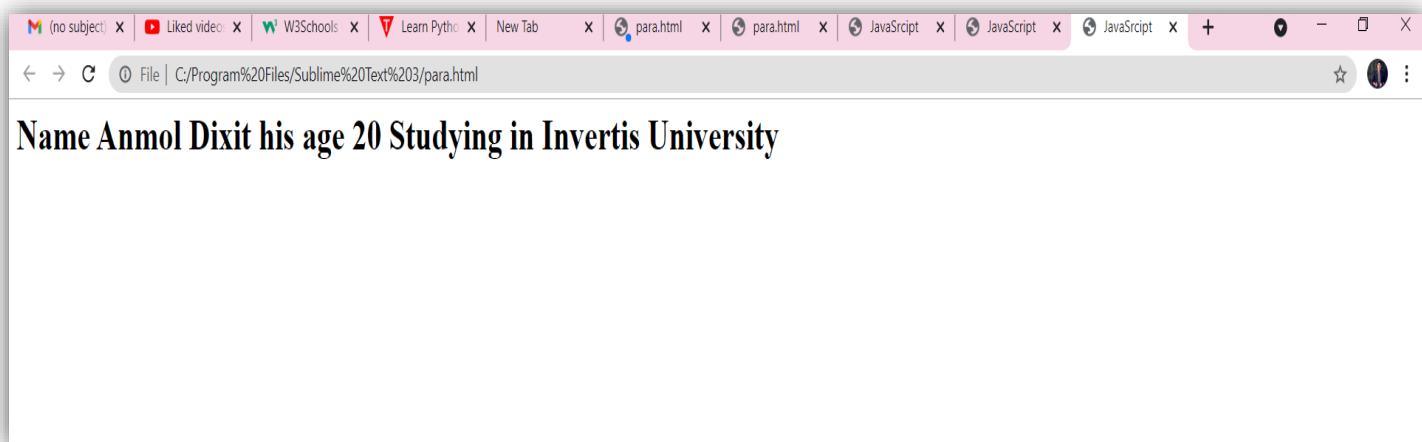
Output



56. Write JS code to show the usage of Object.

```
<html>
<head>
<title>JavaSrcipt</title>
</head>
<body>
<h1 id="demo"></h1>
<script>
const boy={name:" Anmol Dixit",age:"20",study:"Invertis University"};
document.getElementById("demo").innerHTML="Name "+boy.name+" his age "+boy.age+" Studying in
"+boy.study;
</script>
</body>
</html>
```

Output



57. Write JS code to verify that password and re-enter password field's value are equal or not.

```
<html>
<head>
<title>JavaSrcipt</title>

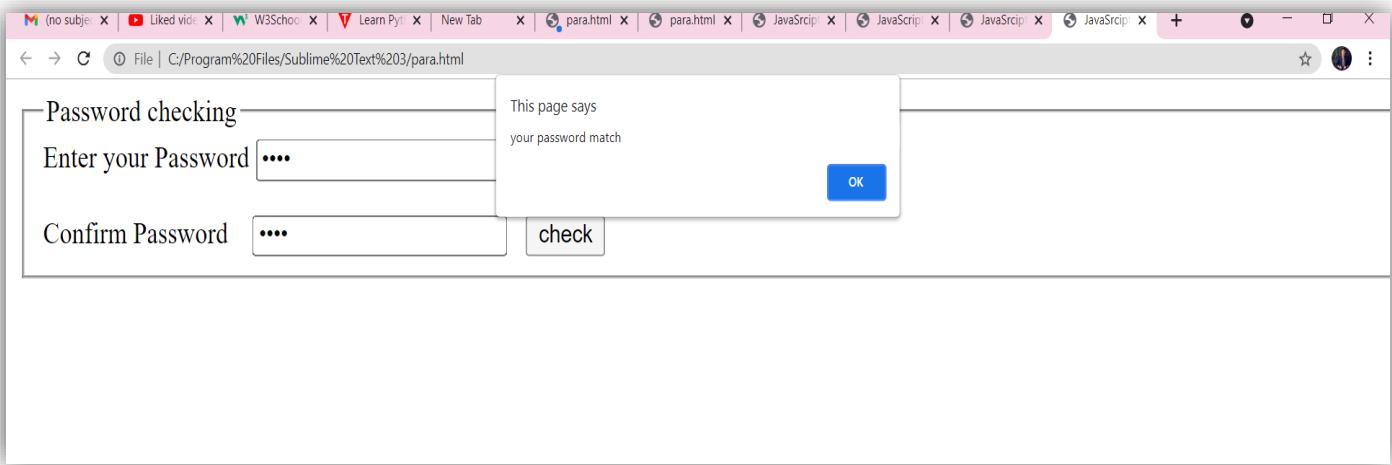
</head>
<body>
<h1 id="demo"></h1>
<script>
function fun1()
{
    x=document.getElementById("n1").value;
    y=document.getElementById("n2").value;

    if(x==y)
    {
        document.getElementById("n2").value=x;
        alert("your password match");
    }
    else
    {
        alert("your not match");
        document.getElementById("n1").value="";
        document.getElementById("n2").value="";
        document.getElementById("n1").focus();
    }
}

</script>
<fieldset>
<legend>Password checking</legend>
<label for="n1">Enter your Password</label>
<input type="password" id="n1">
<br>
<br>
<label for="n2">Confirm Password &nbsp;&nbsp;</label>
<input type="password" id="n2">&nbsp;&nbsp;
<button type="button" onclick="fun1()"> check </button>
```

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

Output



58. Write JS code to fetch the value of radio button selected by user and display it.

```
<html>
<head>
<title> JavaScript
</title>
</head>
<body>
<script>
function fun1(){
x=document.getElementById("M").checked;
//y=document.getElementById("F").checked;
if(x)
{
document.getElementById("output").innerHTML=" you are male";
}
else
{
document.getElementById("output").innerHTML=" you are female";
}
}
</script>
<fieldset>
<legend>Information</legend>
<input type="radio" id="M" name="A" value="male">Male
<input type="radio" id="F" name="A" value="female">Female
<br>
<p id="output"></p>
<button type="button" onclick="fun1();">Click me</button>
</fieldset>
</body>
</html>
```

Output

The screenshot shows a web browser window with a tab bar containing multiple tabs. The active tab is labeled "para.html". The page content is an HTML form with the following structure:

```
<form>
    <h3>Information</h3>
    <div>
        <input checked="" type="radio"/> Male <input type="radio"/> Female
          

        you are male
          

        <button>Click me</button>
    </div>
</form>
```

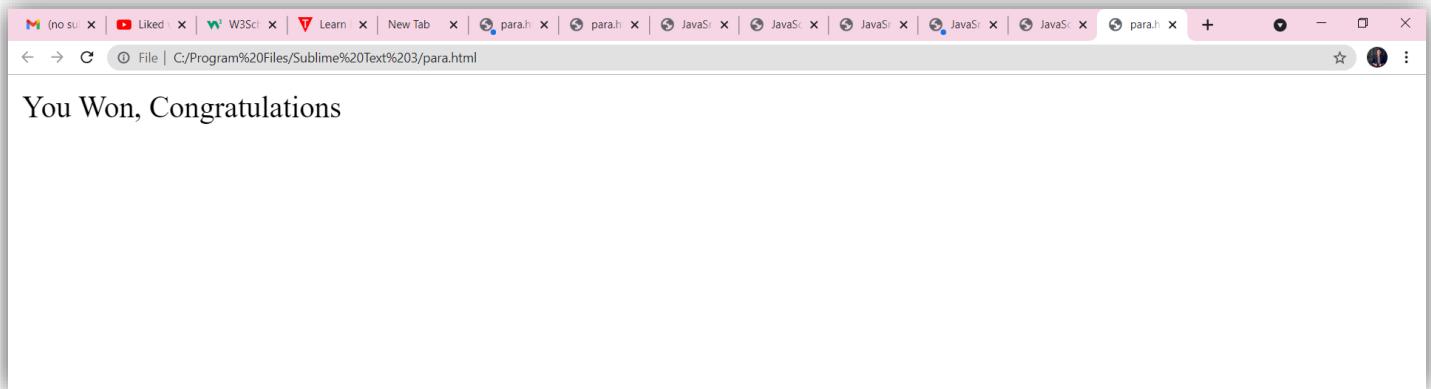
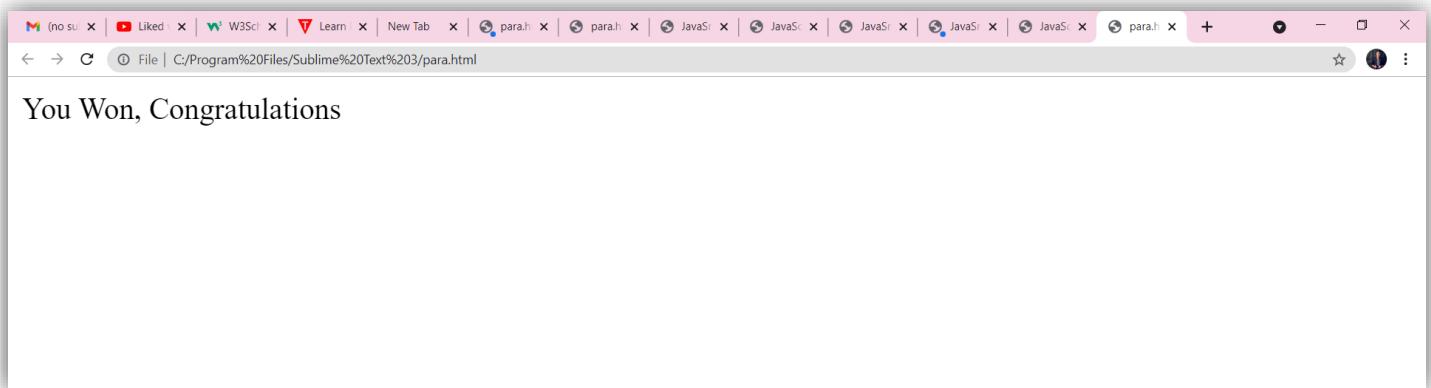
The "Male" radio button is selected. The text "you are male" is displayed below the radio buttons. A button labeled "Click me" is at the bottom of the form.

59. Write JS code to provide three chances to user to guess the correct answer of a question using prompt. (The next two chances will be provided if user wishes to continue).

```
<html>
<body>
<script>
count=0;
do
{
a=prompt("What is the capital of UP? *Either in UPPERCASE or lowercase");
if(a=="lucknow" | |a=="LUCKNOW")
{
document.write("You Won, Congratulations");
break;
}
else
{
if(count<2)
{
a=confirm("You have "+(3-(count+1))+ " more chances, Click Ok to Retry.");
}
if(a)
{
count++;
}
else
{
document.write("Game Over");
break;
}
}
}while(count<3);
if(count==3)
{ document.write("You have lost your chances");
}

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

Output



60. Write JS code to validate a form.

```
<html>
<head>
<style>
label{
width:150px;
height:50px;
display:inline-block;
}
input:invalid{
color:red;
}
</style>
</head>
<body>
<script>
function checkr()
{
x=document.getElementById("r").value;

if(isNaN(x))
{

alert("Roll number must be numeric data only");
document.getElementById("r").value="";
document.getElementById("r").focus();
}

else
{

if(x<10000 || x>99999)
{

document.getElementById("r").value="";
document.getElementById("r").focus();
alert("Roll Number must be of 5 digits");
}

else
{
checkn();
}
}

```

```

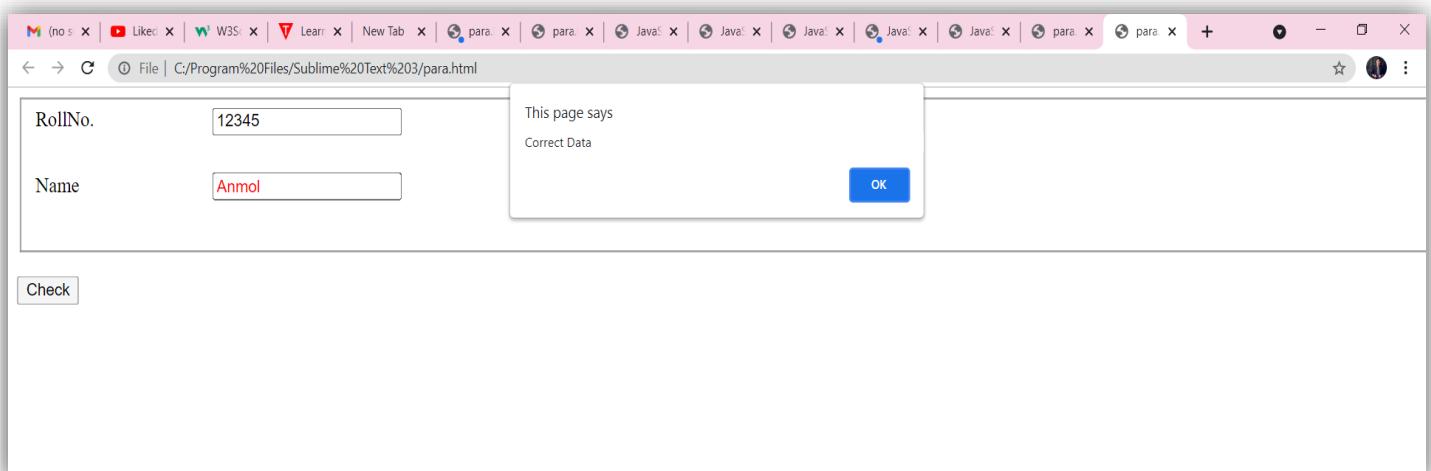
        }
    }
    function checkn()
    {
        y=document.getElementById("n").value;
        if(!isNaN(y))
        {
            alert("Name must be character data only");
            document.getElementById("n").value="";
            document.getElementById("n").focus();
        }
        else
            alert("Correct Data");
    }
</script>
<fieldset>
<label for="r"> RollNo.</label> <input type="text" id="r" pattern="[0-9]{5}"><br>
<label for="n"> Name </label> <input type="text" id="n" pattern="[A-Z]{5}"><br>

</fieldset>
<br>
<button type="button" onclick="checkn();">Check</button>

</body>

```

Output :



Code related to XML

61. Create an internal DTD and XML doc to store following data.

BookId	BookTitle	TagLine	BookType	Price	Author(s)	Publisher
101	Learn C	in 2 months	CS	234	Naman	TMH
102	Mechanics	Basics	ME	345	Soni, Rahul	ABC
103	Themodynamics		ME	390	Ishan	TMH
104	Write Right	Communication Skills	English	120	Pinky	XYZ
105	Vedic Maths	Arithematic Operations	Maths	450	Chandra	DAM

```
<?xml version="1.0" standalone="yes"?>
<!DOCTYPE Store [
  <!ELEMENT Store (Book+)>
  <!ELEMENT Book (BookId,BookTitle,Tagline?,BookType,Price,Author+,Publisher)>
  <!ELEMENT BookId (#PCDATA)>
  <!ELEMENT BookTitle (#PCDATA)>
  <!ELEMENT Tagline (#PCDATA)>
  <!ELEMENT BookType (#PCDATA)>
  <!ELEMENT Price (#PCDATA)>
  <!ELEMENT Author (#PCDATA)>
  <!ELEMENT Publisher (#PCDATA)>
  <!ATTLIST Store type CDATA #REQUIRED>
]>
<Store>
<Book>
<BookId>101</BookId>
<BookTitle>learn C</BookTitle>
<Tagline>In 2 months</Tagline>
<BookType>CS</BookType>
<Price>234</Price>
<Author>Naman</Author>
<Publisher>TMH</Publisher>
</Book>

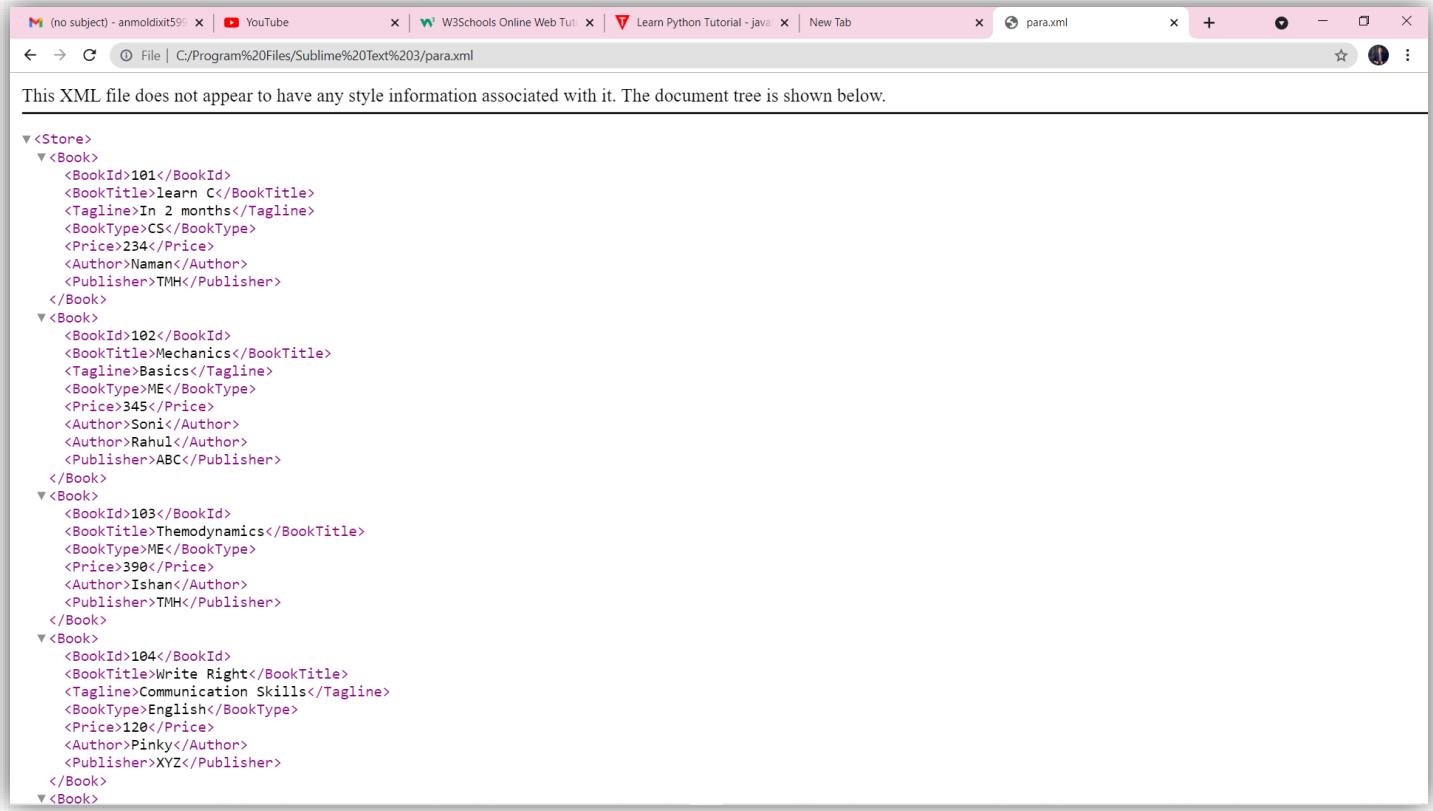
<Book>
<BookId>102</BookId>
<BookTitle>Mechanics</BookTitle>
<Tagline>Basics</Tagline>
<BookType>ME</BookType>
<Price>345</Price>
<Author>Soni</Author>
```

```
<Author>Rahul</Author>
<Publisher>ABC</Publisher>
</Book>

<Book>
<BookId>103</BookId>
<BookTitle>Thermodynamics</BookTitle>
<BookType>ME</BookType>
<Price>390</Price>
<Author>Ishan</Author>
<Publisher>TMH</Publisher>
</Book>
<Book>
<BookId>104</BookId>
<BookTitle>Write Right</BookTitle>
<Tagline>Communication Skills</Tagline>
<BookType>English</BookType>
<Price>120</Price>
<Author>Pinky</Author>
<Publisher>XYZ</Publisher>
</Book>
<Book>
<BookId>105</BookId>
<BookTitle>Vedic Maths</BookTitle>
<Tagline>Arithmetic Operations</Tagline>
<BookType>Maths</BookType>
<Price>450</Price>
<Author>Chandra</Author>
<Publisher>DAM</Publisher>
</Book>

</Store>
```

Output



This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0"?>
<Store>
  <Book>
    <BookId>101</BookId>
    <BookTitle>Learn C</BookTitle>
    <Tagline>In 2 months</Tagline>
    <BookType>CS</BookType>
    <Price>234</Price>
    <Author>Naman</Author>
    <Publisher>TMH</Publisher>
  </Book>
  <Book>
    <BookId>102</BookId>
    <BookTitle>Mechanics</BookTitle>
    <Tagline>Basics</Tagline>
    <BookType>ME</BookType>
    <Price>345</Price>
    <Author>Soni</Author>
    <Author>Rahul</Author>
    <Publisher>ABC</Publisher>
  </Book>
  <Book>
    <BookId>103</BookId>
    <BookTitle>Thermodynamics</BookTitle>
    <BookType>ME</BookType>
    <Price>390</Price>
    <Author>Ishan</Author>
    <Publisher>TMH</Publisher>
  </Book>
  <Book>
    <BookId>104</BookId>
    <BookTitle>Write Right</BookTitle>
    <Tagline>Communication Skills</Tagline>
    <BookType>English</BookType>
    <Price>120</Price>
    <Author>Pinky</Author>
    <Publisher>XYZ</Publisher>
  </Book>
</Book>
```

62. Create an external DTD to store data as shown in above table.

```
<!ELEMENT Store (Book+)>
<!ELEMENT Book (BookId,BookTitle,Tagline?,BookType,Price,Author+,Publisher)>
<!ELEMENT BookId (#PCDATA)>
<!ELEMENT BookTitle (#PCDATA)>
<!ELEMENT Tagline (#PCDATA)>
<!ELEMENT BookType (#PCDATA)>
<!ELEMENT Price (#PCDATA)>
<!ELEMENT Author (#PCDATA)>
<!ELEMENT Publisher (#PCDATA)>
```

Output

BookId	BookTitle	TagLine	BookType	Price	Author(s)	Publisher
101	Learn C	in 2 months	CS	234	Naman	TMH
102	Mechanics	Basics	ME	345	Soni, Rahul	ABC
103	Themodynamics		ME	390	Ishan	TMH
104	Write Right	Communication Skills	English	120	Pinky	XYZ
105	Vedic Maths	Arithematic Operations	Maths	450	Chandra	DAM

63. Import the external DTD designed in 62 to the XML document.

```
<!DOCTYPE Store SYSTEM "Store.dtd">
<Store>
  <Book>
    <BookId>101</BookId>
    <BookTitle>learn C</BookTitle>
    <Tagline>In 2 months</Tagline>
    <BookType>CS</BookType>
    <Price>234</Price>
    <Author>Naman</Author>
    <Publisher>TMH</Publisher>
  </Book>

  <Book>
    <BookId>102</BookId>
    <BookTitle>Mechanics</BookTitle>
    <Tagline>Basics</Tagline>
    <BookType>ME</BookType>
    <Price>345</Price>
    <Author>Soni</Author>
    <Author>Rahul</Author>
    <Publisher>ABC</Publisher>
  </Book>

  <Book>
    <BookId>103</BookId>
    <BookTitle>Thermodynamics</BookTitle>
    <BookType>ME</BookType>
    <Price>390</Price>
    <Author>Ishan</Author>
    <Publisher>TMH</Publisher>
  </Book>

  <Book>
    <BookId>104</BookId>
    <BookTitle>Write Right</BookTitle>
    <Tagline>Communication Skills</Tagline>
    <BookType>English</BookType>
    <Price>120</Price>
    <Author>Pinky</Author>
```

```

<Publisher>XYZ</Publisher>
</Book>
<Book>
<BookId>105</BookId>
<BookTitle>Vedic Maths</BookTitle>
<Tagline>Arithematic Operations</Tagline>
<BookType>Maths</BookType>
<Price>450</Price>
<Author>Chandra</Author>
<Publisher>DAM</Publisher>
</Book>
</Store>

```

Output

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```

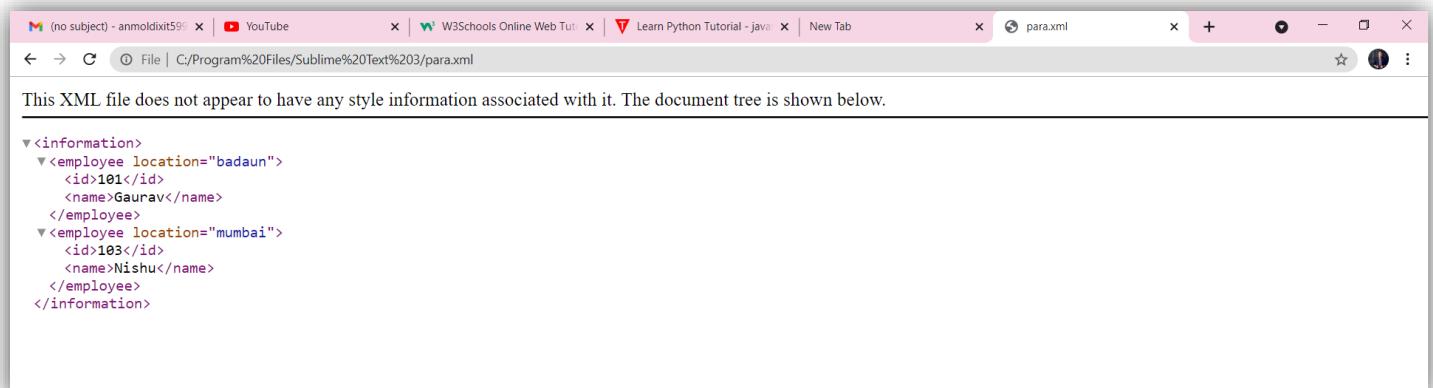
▼ <Store>
  ▼ <Book>
    <BookId>101</BookId>
    <BookTitle>learn C</BookTitle>
    <Tagline>In 2 months</Tagline>
    <BookType>CS</BookType>
    <Price>234</Price>
    <Author>Naman</Author>
    <Publisher>TMH</Publisher>
  </Book>
  ▼ <Book>
    <BookId>102</BookId>
    <BookTitle>Mechanics</BookTitle>
    <Tagline>Basics</Tagline>
    <BookType>ME</BookType>
    <Price>345</Price>
    <Author>Soni</Author>
    <Author>Rahul</Author>
    <Publisher>ABC</Publisher>
  </Book>
  ▼ <Book>
    <BookId>103</BookId>
    <BookTitle>Thermodynamics</BookTitle>
    <BookType>ME</BookType>
    <Price>390</Price>
    <Author>Ishan</Author>
    <Publisher>TMH</Publisher>
  </Book>
  ▼ <Book>
    <BookId>104</BookId>
    <BookTitle>Write Right</BookTitle>
    <Tagline>Communication Skills</Tagline>
    <BookType>English</BookType>
    <Price>120</Price>
    <Author>pinky</Author>
    <Publisher>XYZ</Publisher>
  </Book>
  ▼ <Book>

```

64. Create a DTD to store employee detail where the tag element should be names as employee and id, name and location as attributes.

```
<!DOCTYPE information [  
    <!ELEMENT information (employee+)>  
    <!ELEMENT employee (id,name)>  
    <!ELEMENT name (#PCDATA)>  
    <!ELEMENT id (#PCDATA)>  
    <!ATTLIST employee location CDATA #REQUIRED>  
]>  
  
<information>  
    <employee location="badaun">  
        <id>101</id>  
        <name>Gaurav</name>  
    </employee>  
  
    <employee location="mumbai">  
        <id>103</id>  
        <name>Nishu</name>  
    </employee>  
  
</information>
```

Output



This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<><information>  
    <employee location="badaun">  
        <id>101</id>  
        <name>Gaurav</name>  
    </employee>  
    <employee location="mumbai">  
        <id>103</id>  
        <name>Nishu</name>  
    </employee>  
</information>
```

65. Show the importance of Required, Fixed type attribute of a tag element.

- Required Attribute

```
<form>

<div class="group">
    <input type="text">
    <label>Normal</label>
</div>

<div class="group">
    <input type="text" required="required">
    <label>Required</label>
</div>

    <input type="submit">
</form>
```

Output



- Fixed Type Attribute

Attribute can have a **fix value** assigned. In case a **fixed value** is assigned, then the **element** can not have any **value**.

```
<xs:attribute name="lang" type="xs:string" fixed="EN"/>
```