**Assignment 1**

**Question 1:-** Make following five different web pages:

1. Formatting styles and Headings: Include Bold, Italics, Underline, Strike, Subscript, superscript and all six types of headings.
2. Font Styles and Image tag.
3. Marquee: Move text, image and hyperlink.
4. Other tags: br, hr, pre, p

Include following specifications:

* In all these web pages only mention about use, attributes apply them.
* Insert a background image on home page.
* Make all topics as hyperlinks and go to some other page for description.
* Insert a marquee showing HTML Tutorial as moving text.
* Use different font style for different topics.
* On every page, make a hyperlink for going back to home page and internal link also.

Solution:-

**Coding:**

<head>

<head>

<title> ASSIGNMENT 1 </TITLE>

</head>

<body bgcolor="red">

<marquee><h1> HTML TUTORIAL</h1></marquee><br><br>

<font face=algerian size=5><a href="file:///F:/deepak%20wt/formatting%20styles%20and%20heading.html"> Formatting Styles and Headings </a></font><br><br>

<font face=arial size=5><a href="file:///F:deepak%20wt/fontstyle%20and%20image.html"> Font Styles and Image Tag </a></font><br><br>

<font face=calibri size=5><a href="marquee.html"> Marquee </a></font><br><br>

<font face=arial size=5><a href="other tag.html"> Other Tags </a></font><br><br>

</body>

</html>

****

Fig: output of Question 1.

**FORMATTING STYLES AND HEADINGS CODING:**

<html>

<body bgcolor=green>

<h1 align=center>Formatting styles and heading</h1>

BOLD: <b>B tag is used to bold the text</b><br><br>

ITALICS: <i> I tag is used to write the text in italics</i><br><br>

UNDERLINE:<u> U tag is used to under line the tag</u><br><BR>

STRIKE:<strike> strike tag is use to strike through the text</strike><br><br>

SUPERSCRIPT: SUP tag is use for super script<br>

x<sup>2</sup>+y<sup>2</sup><br><br>

SUBSCRIPT: SUB tag is use for subscript<br>

H<sub>2</sub>SO<sub>4</sub><br><br>

HEADING: There are 6 heading tags H1 to H6. H1 stands for the largest heading where H6 stands for the smallest heading.

<h1>INDIA</h1>

<h2>INDIA</h2>

<h3>INDIA</h3>

<h4>INDIA</h4>

<h5>INDIA</h5>

<h6>INDIA</h6>

<br><br><BR>

<big><a href="assignment new 1.html">Home</a></big>

</body>

</html>

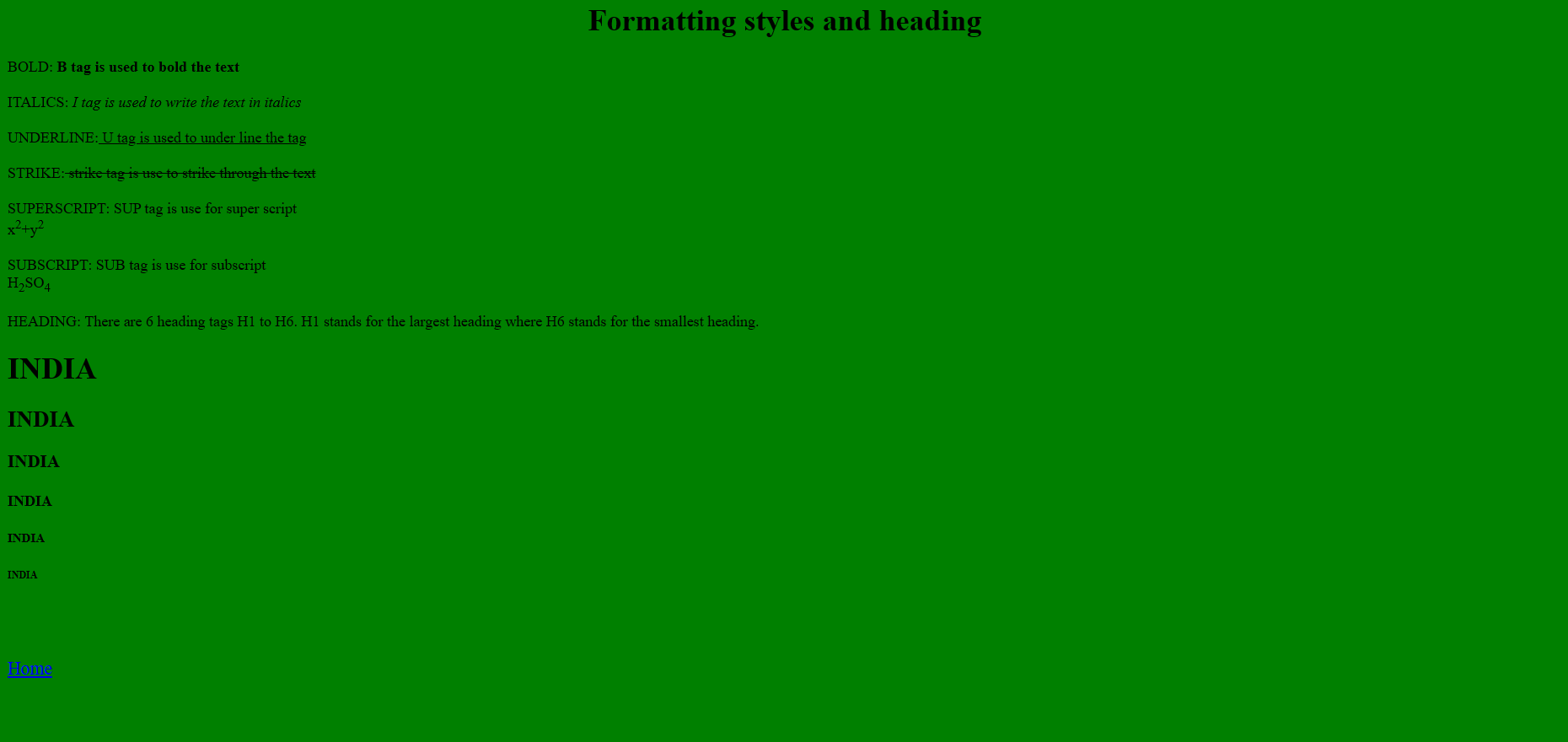


Fig: output of Question 1(a).

**FONT STYLES AND IMAGE TAG CODING:-**

<html>

<body bgcolor=orange>

<h1 align=center>Font style and image tag</h1>

<font size=5 color=blue face=arial> Font size have three attributes- size, colour and face</font>

<br><br>

<font size=5 color=red face=arial>img tag is used to display an image. attributes of image tags are: hieght, width and align</font>

<br><br>

<center><img src="https://source.unsplash.com/random/200x200/?wallpaper,landscape" ></center>

<br><br><br>

<big><a href="assignment new 1.html">Home</a></big>

</body>

</html>



Fig: output of Question 1(b).

**MARQUEE CODING:-**

<html>

<body bgcolor=pink>

<h1 align=center> Marquee </h1>

<marquee behavior=alternate scrollamount=20 bgcolor=yellow>Marquee tag is used to Move text, Image and Hyperlink </marquee>

<br><br>

<marquee behavior=scroll scrollamount=30><img src=" https://source.unsplash.com/random/200x200/?wallpaper,landscape "height=200 width=200></marquee><br><br>

<marquee behavior=scroll scrollamount=15><a href="deepak wt.html" Click here </a></marquee>

<br><br><br>

<big><a href="assignment new 1.html">Home</a></big>

</body>

</html>



Fig: output of Question 1(b).

**OTHER TAG CODING:-**

<html>

<body bgcolor=blue>

<h1 align=center>other tag</h1>

BR stands for line break

<br><br>

HR4 stands for horizontal rule.

<hr>

<hr colou=red size=20 width=200 align=center>

<br><br>

PRE stands for performatting tag. it is used to display the output in same for as given in input.<br>

<pre>

\*

\* \* \*

\* \* \* \*

</pre><br><br>

P tag

<big><a href="assignment new 1.html">home</a></big>

</body>

</html>

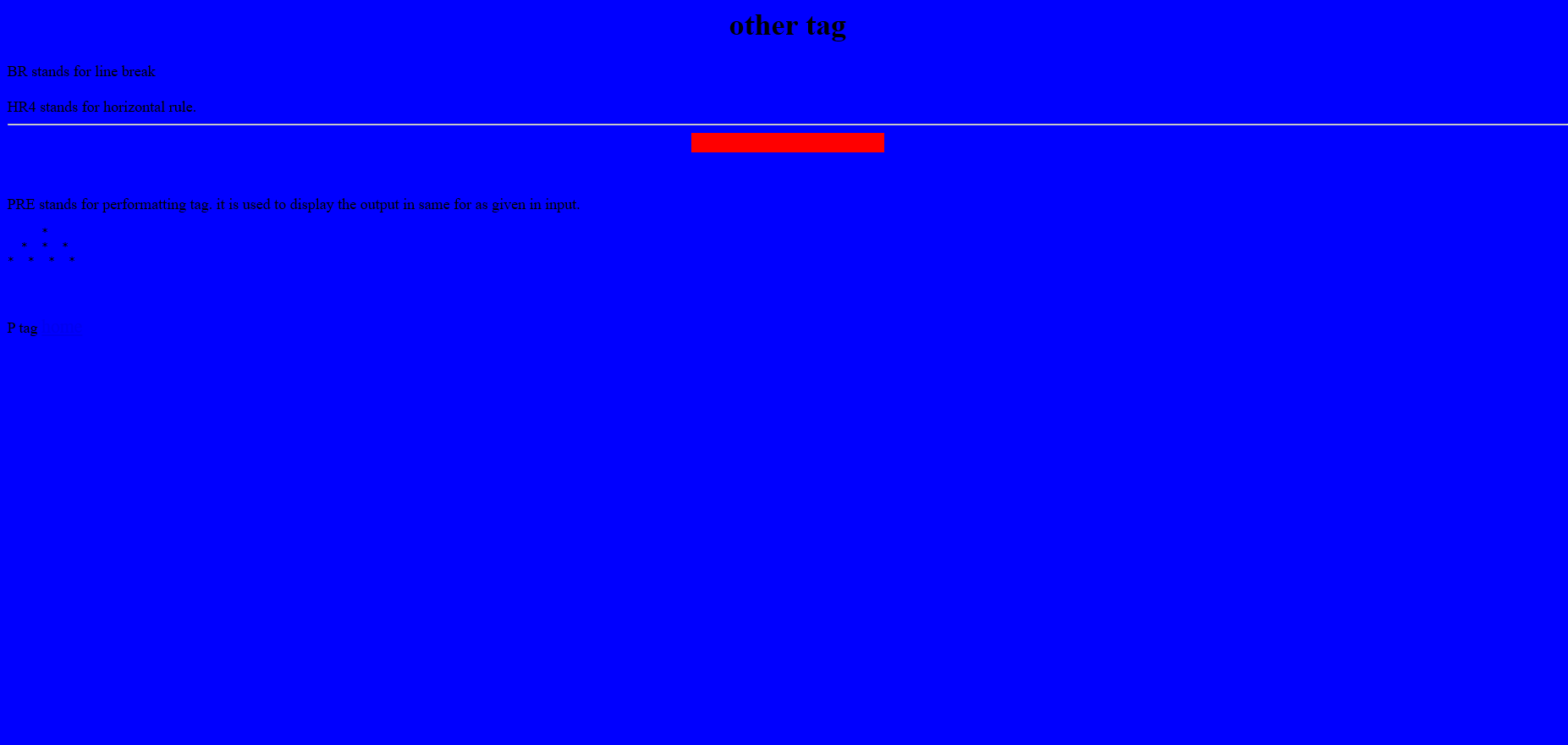


Fig: output of Question 1(b).

**ASSIGNMENT 2.**

**Question**: Create an unordered list nested inside ordered list and apply the following:

* Insert an image of Main item on top right corner of web page.
* Display heading as a marquee.
* Use different font styles and colors for different ordered list items.
* Insert horizontal line after each ordered item.

**FRUITS & VEGETABLES**

1. Vegetables
   * Onion
   * Tomato
   * Radish
   * Potato
   * Carrot
2. Fruits
   * Apple
   * Banana
   * Water-Melon
   * Mango
   * Grapes

**NEWSPAPERS & MAGAZINE**

o Newspaper

1. The Times of India
2. Hindustan Times
3. Navbharat Times
4. Punjab Kesari
5. Dainik Jagran

* Magazine
  1. Business Times
  2. The Week
  3. India Today
  4. Harvard Business Review
  5. Computer World

**CODING:**

<html>

<head>

<title> Assignment2</title>

</head>

<body bgcolor=orange>

<marquee><h1 align=center> FRUITS AND VEGETABELS</h1></marquee>

<font color=#157896 face=verdana size=4><ol type=A>

<li>Vegetables</li>

<ul type=disc>

<li>Onion</li>

<li>Tomato</li>

<li>Radish </li>

<li>Potato</li>

<li>Carrot</li>

</ul>

<li> Fruits</li>

<ul type=disc>

<li> Apple</li>

<li>Banana</li>

<li> Water-Melon</li>

<li> Mango</li>

<li> Grapes</li>

</ul>

</ol>

</font>

<hr>

<marquee><h1 align=center>Newspaper and Magazine</h1></marquee>

<font color=#178549 face=arial size=5>

<ul type=circle>

<li>Newspaper </li>

<ol type=1 start=5>

<li>The Times of India</li>

<li>Hindustan Times</li>

<li> Navbharat Times</li>

<li>Punjab Keasri</li>

<li>Dainik Jagran</li>

</ol>

<li> Magazine</li>

<ol type=i>

<li> Business Times</li>

<li>The Week</li>

<li> India Today</li>

<li> Harvard Buisness Review</li>

<li>Computer World </li>

</ul>

</ol>

</font>

</body>

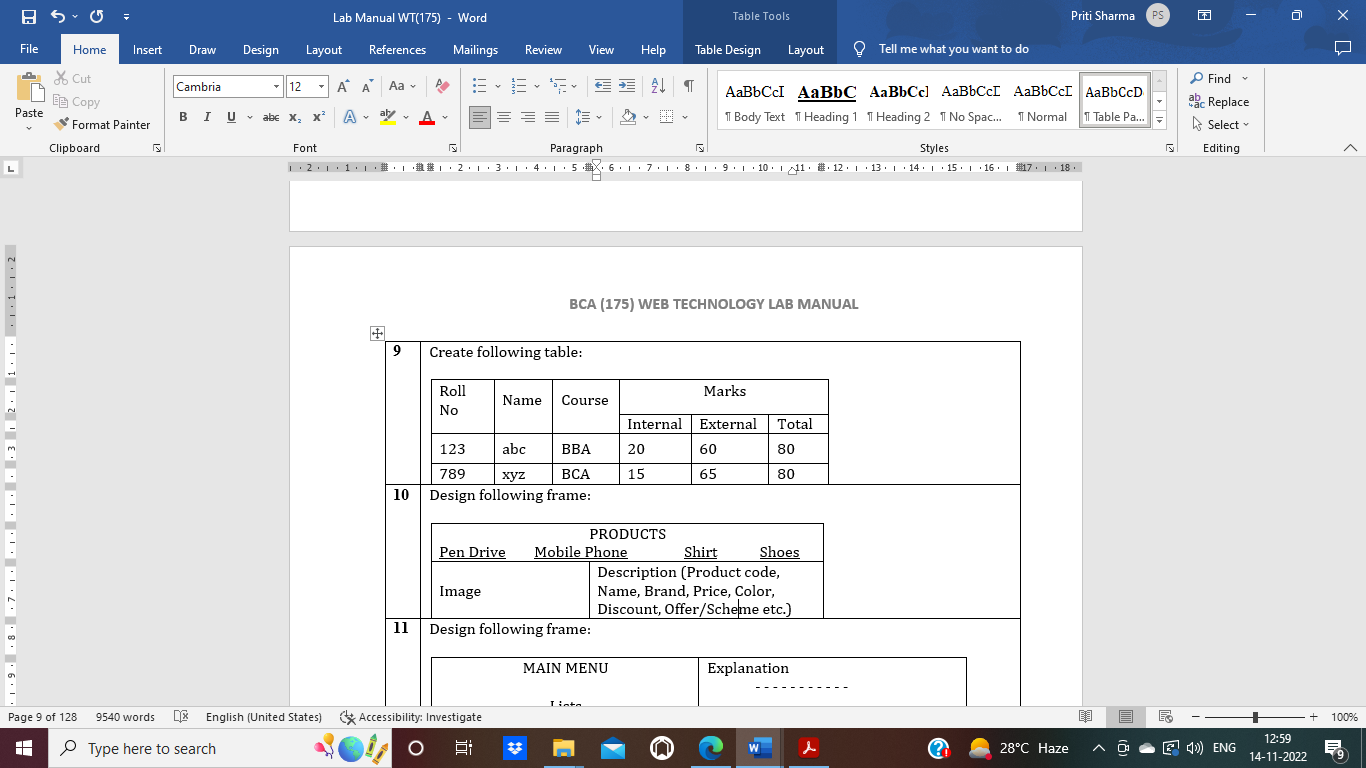
</html>



Fig: output of Question 2.

**ASSIGNMENT 3**

**Question**: Design a table with row span and column span and make use of attributes colspan, rowspan, width, height, cellpadding, cellspacing etc.



**CODING:**

<html>

<head>

<title> assignment 3 </title>

</head>

<body>

<table border=2 align=center cellspacing=5 cellpadding=5>

<tr align=center>

<td rowspan=2> Roll No</td>

<td rowspan=2> Name</td>

<td rowspan=2> Course</td>

<td colspan=3> Marks</td>

</tr>

<tr>

<td> internal</td>

<td> external</td>

<td> total</td>

</tr>

<tr>

<td>123 </td>

<td> abc</td>

<td>BCA</td>

<td>20</td>

<td>60</td>

<td> 80</td>

</tr>

<tr>

<td>789 </td>

<td> xyz</td>

<td>BBA</td>

<td>15</td>

<td>65</td>

<td> 80</td>

</tr>

</body>

</html>

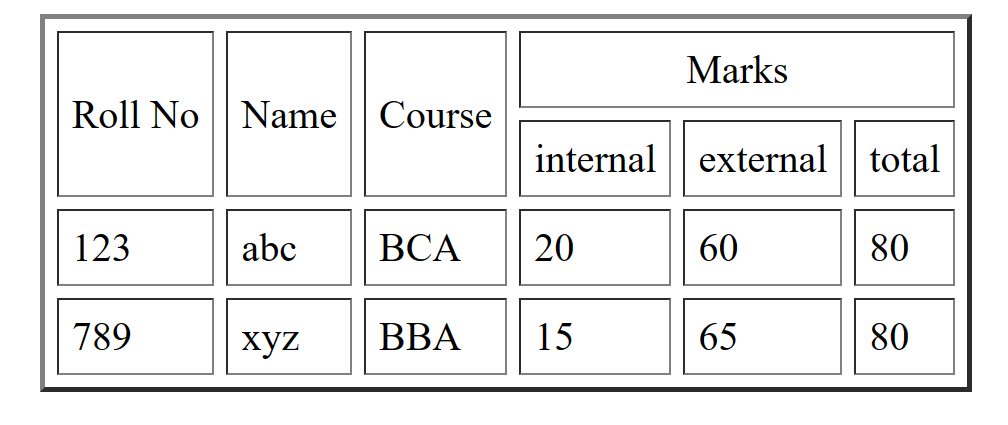
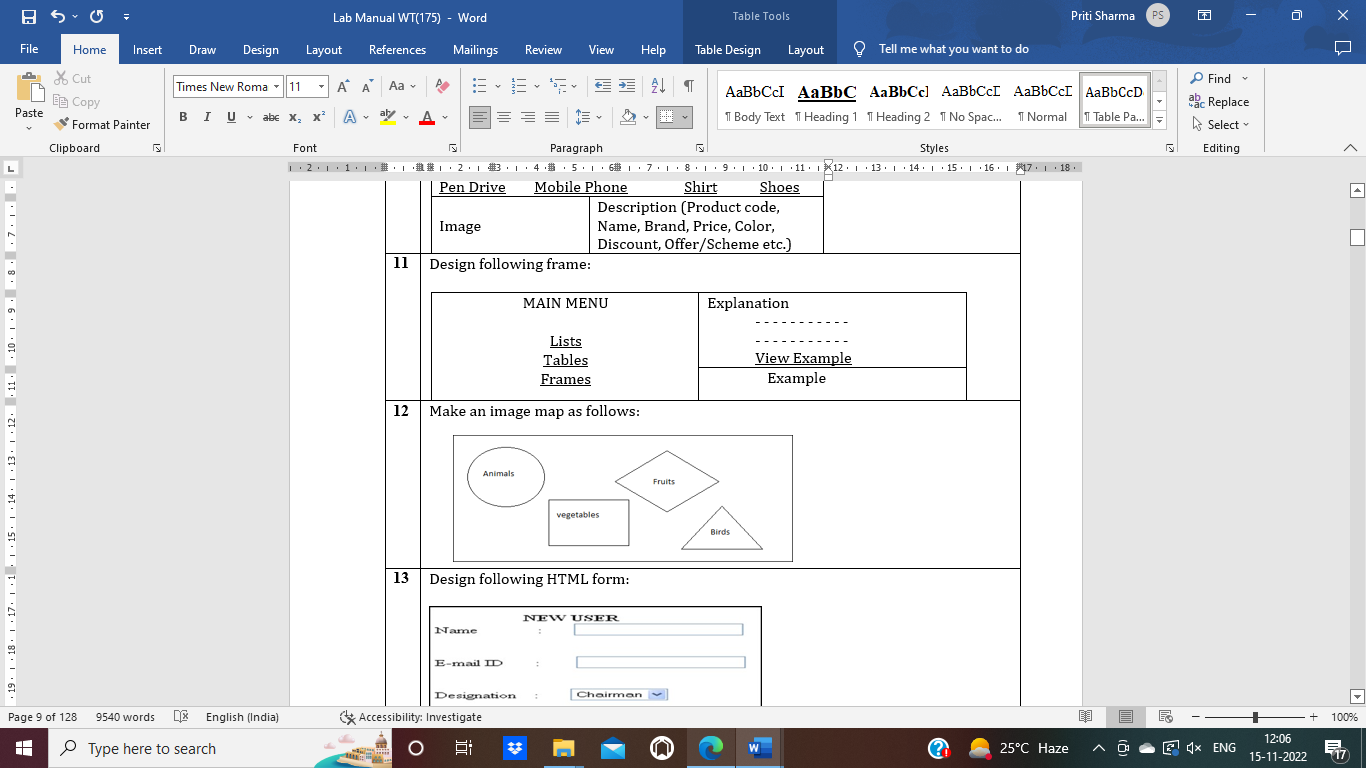


Fig: output of Question 3.

**ASSIGNMENT 4**

**Question**: Design following Frame



**CODING:**

**Main.html file**

<html>

<frameset cols="50%,50%" >

<frame name=f1 src=mainmenu.html>

<frameset rows="70%,30%">

<frame name=f2>

<frame name=f3>

</frameset>

</frameset>

</html>

**mainmenu.html file**

<html>

<body>

<h1>MAIN MENU</h1><br><br>

<a href="listsexpl.html" target=f2>LISTS</a><br><br>

<a href="tablesexpl.html" target=f2>TABLES</a><br><br>

<a href="framesexpl.html" target=f2>FRAMES</a><br><br>

</body>

</html>

**tablesexpl.html file**

<html>

<body>

<H1>TABLES EXPLANATION</H1>

HTML TABLES ARE OF 3 TYPES<br><br><br><br>

1.DATA TABLE<br>

2.LAYOUT TABLE<br><br><br>

<a href="tablesex.html" target=f3>VIEW EXAMPLE</a>

</body>

</html>

**framesexpl.html file**

<html>

<body>

<H1>FRAMES EXPLANATION</H1>

HTML FRAMES ARE OF 4 TYPES<br><br><br><br>

1.COLS FRAME<br>

2.ROW FRAME<br>

3.BORDER FRAME<br>

4.FRAMEBORDER FRAME<br><br><br>

<a href="framesex.html" target=f3>VIEW EXAMPLE</a>

</body>

</html>

**Listexpl.html file**

<html>

<body>

<H1>LIST EXPLANATION</H1>

HTML LISTS ARE OF 4 TYPES<br><br><br><br>

1.UNORDERED LIST<br>

2.ORDERED LIST<br>

3.DEFINITION LIST<br>

4.DIRECTORY LIST<br><br><br>

<a href="listex1.html" target=f3>VIEW EXAMPLE</a>

</body>

</html>



Fig: output of Question 4.



Fig: output of Question 4.

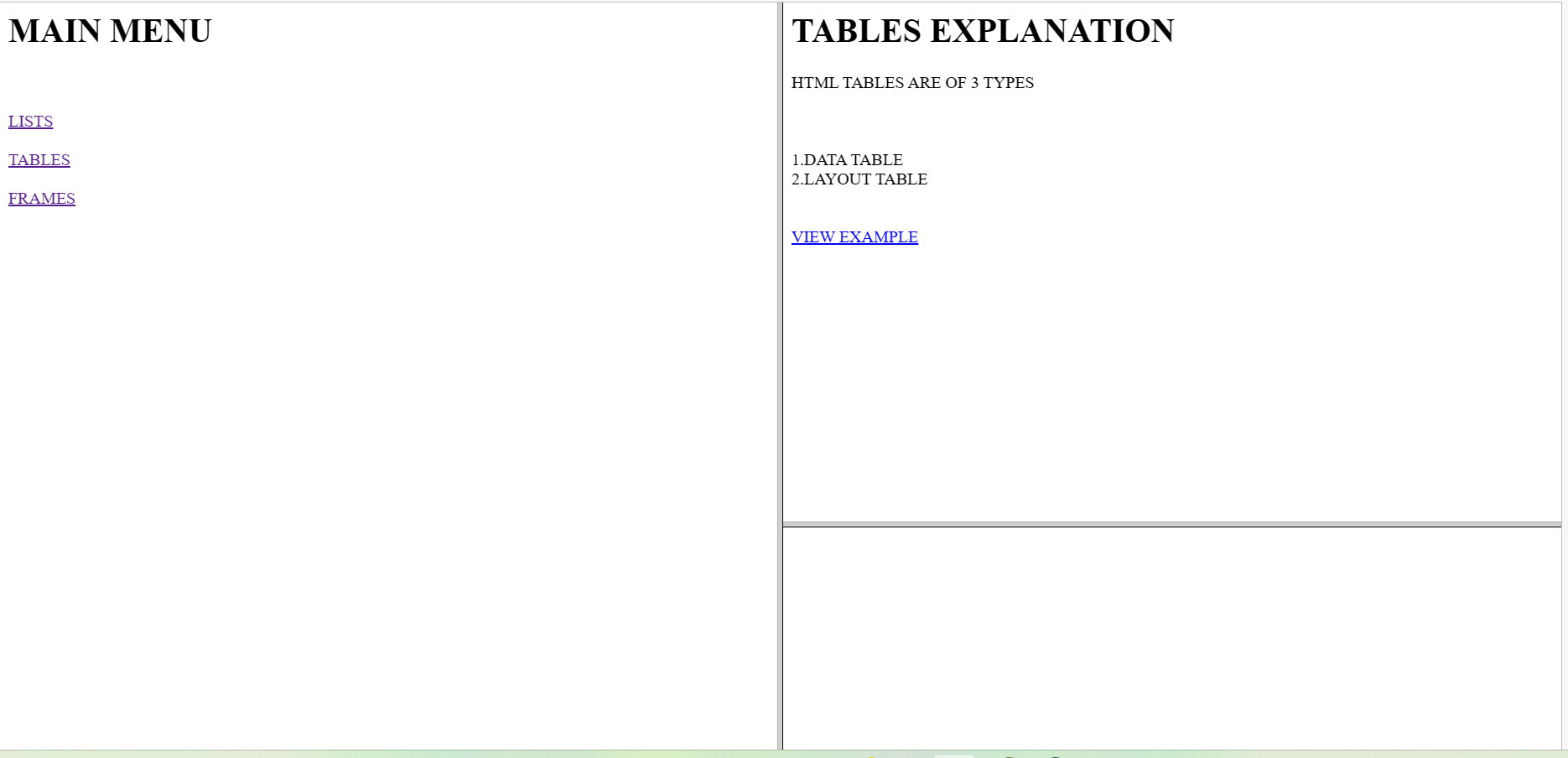


Fig: output of Question 4.

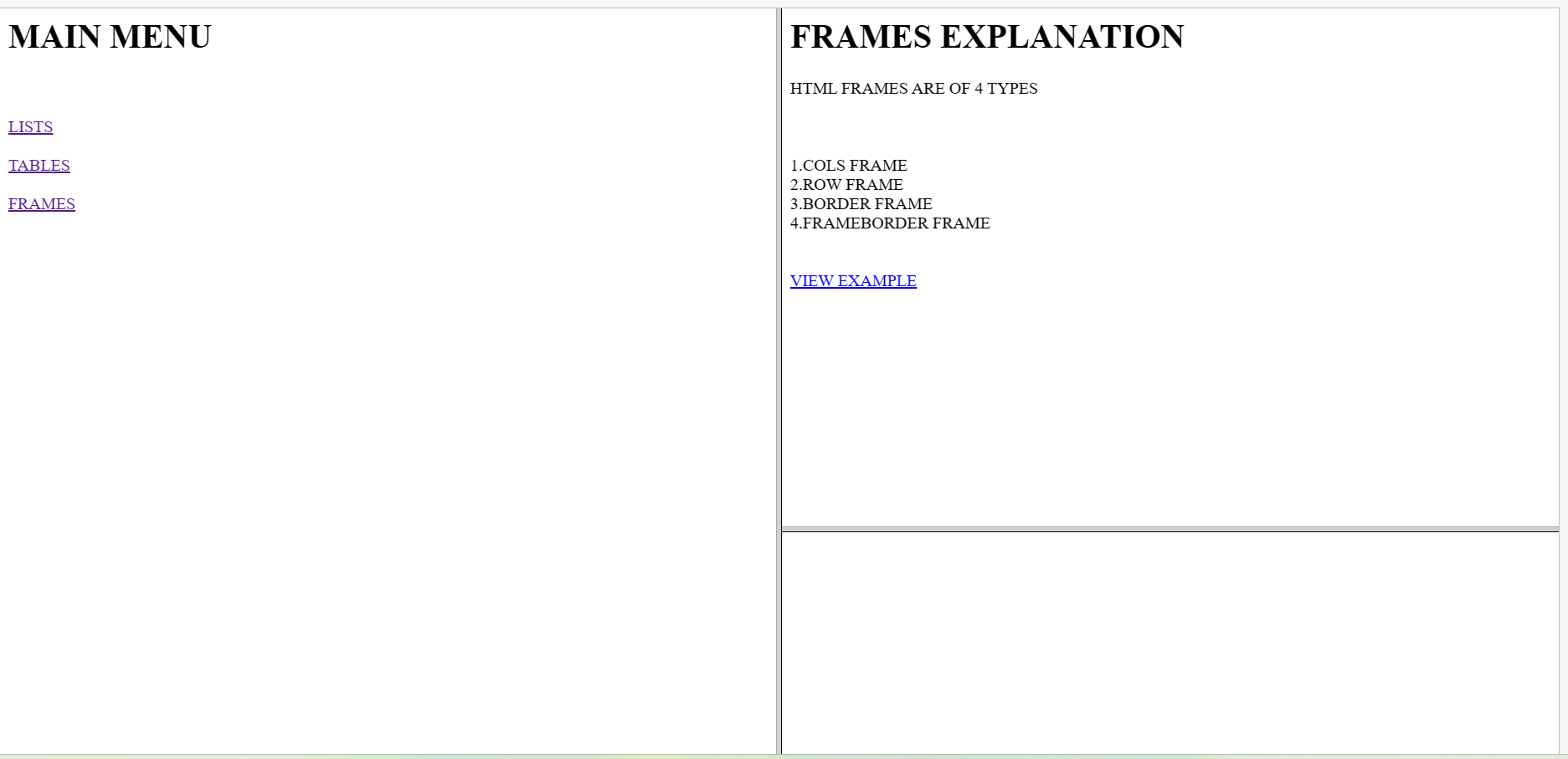


Fig: output of Question 4.

**framesex.html file**

<html>

<body>

<H1>FRAMESET EXAMPLES IN HTML</H1>

<img src="data:image/png;base64,C"><br><br><br><br>

</body>

</html>

**Listex1.html file**

<html>

<body>

<H1>LIST EXAMPLES</H1>

<img src="https://www.w3.org/wiki/images/5/5e/Referenc.gif"><br><br><br><br>

</body>

</html>

**tablesex.html file**

<html>

<body>

<H1>TABLES EXAMPLES IN HTML</H1> /7f5VHHNqxVVRtMa1RVp7rhTAXqxiuIAX3MoKpUDmeo+PeOF9P/H0SWkyauvFDhAAAAAElFTkSuQmCC"><br><br><br><br>

</body>

</html>

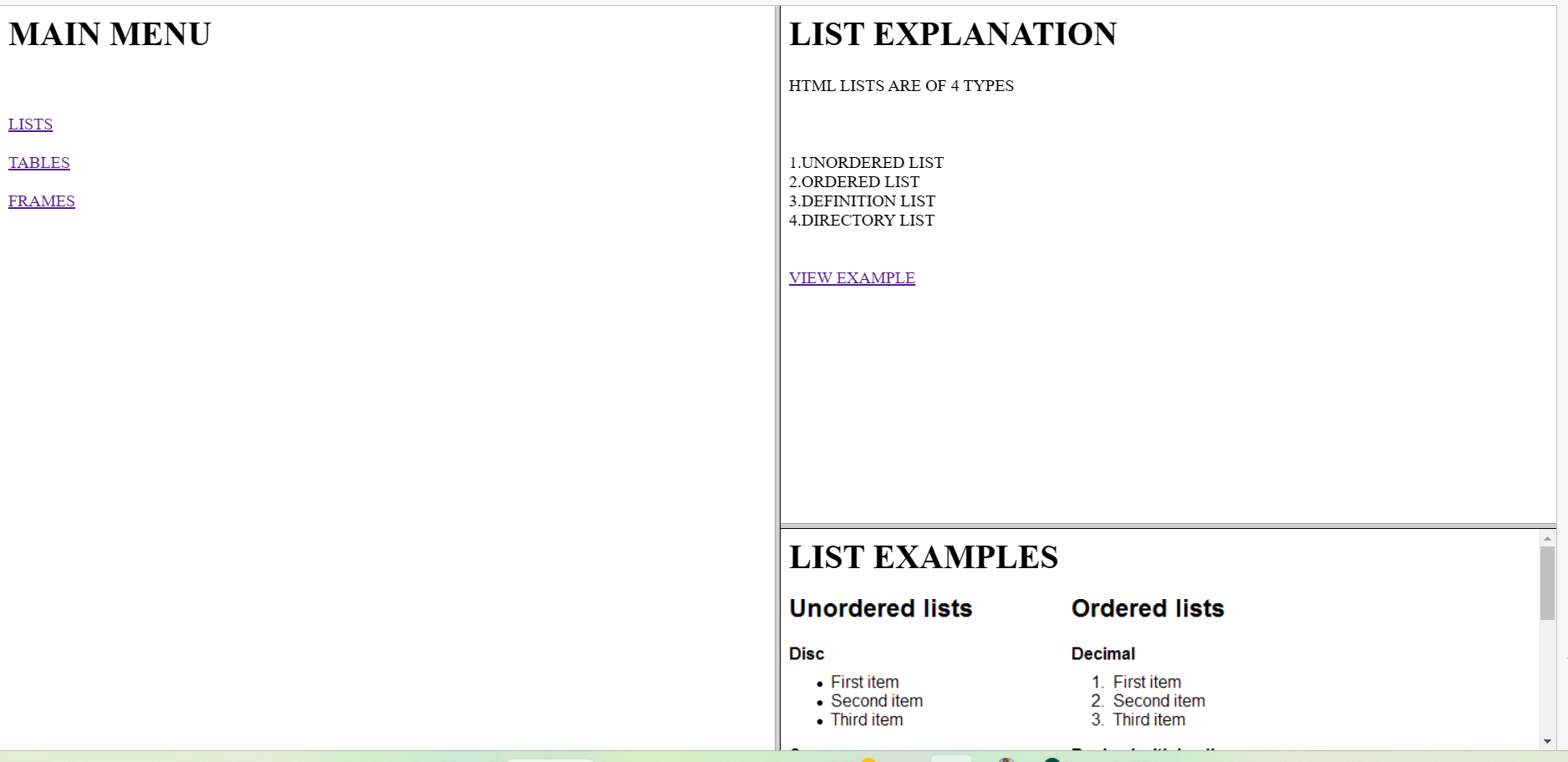


Fig: output of Question 4.

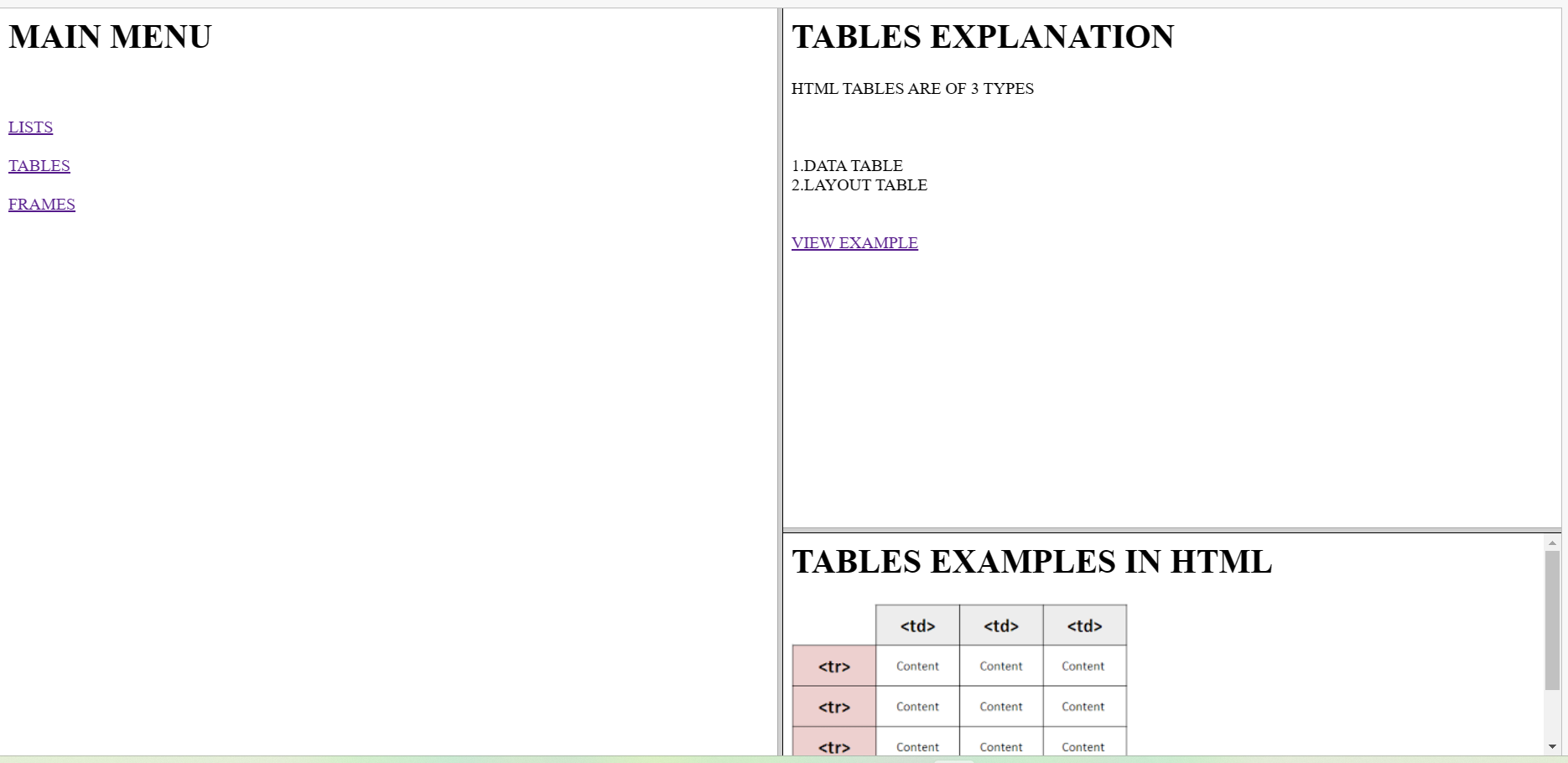


Fig: output of Question 4.

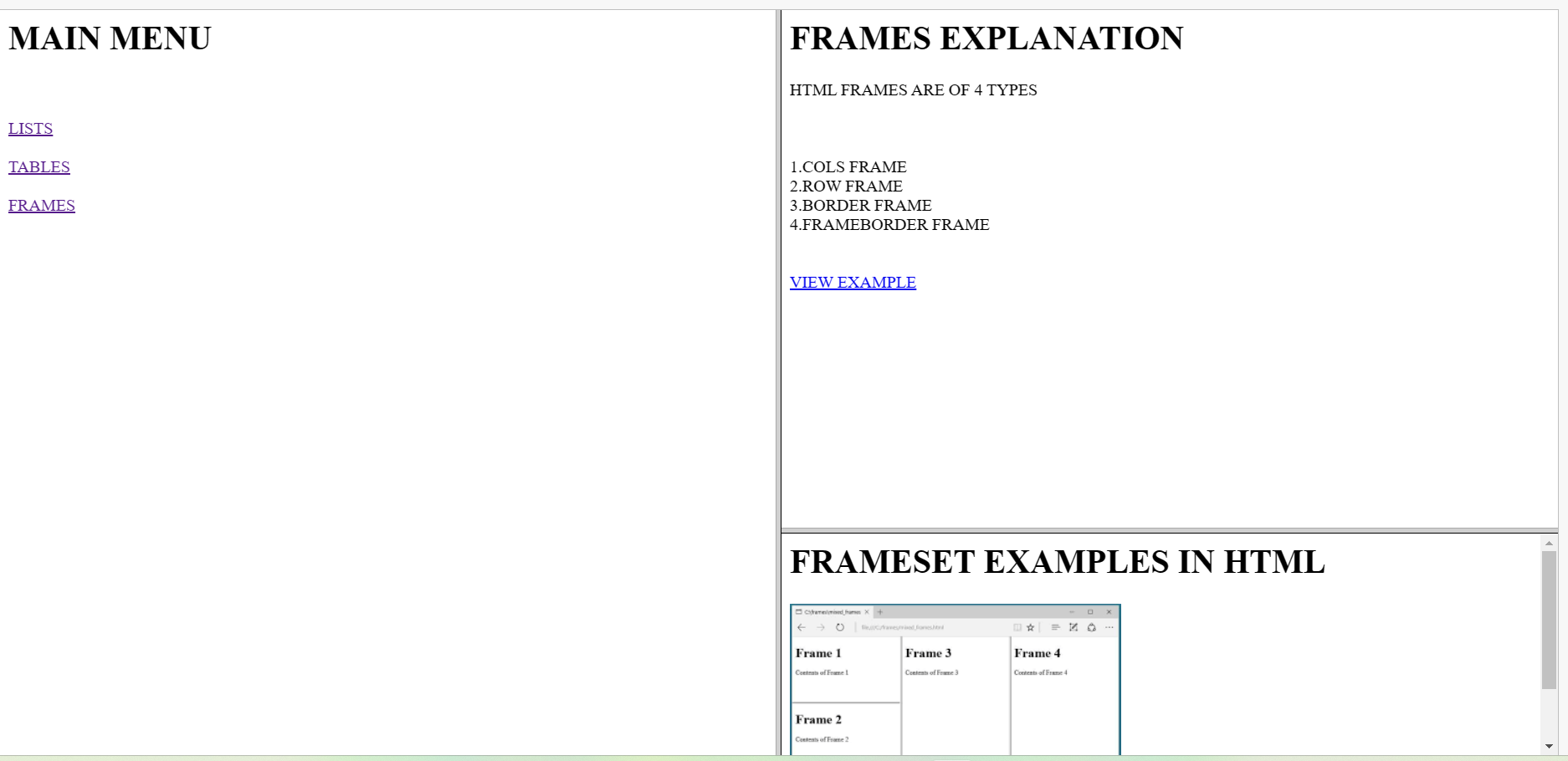


Fig: output of Question 4.

**ASSIGNMENT 5**

**Question:** Make an image map showing the usage of shape, cords, href attributes in map definition. Link each hotspot to their respective details. All the web pages should be designed with proper background color, images, font style and heading.

**CODING:**

<head>

<title>Assignment 5</title>

</head>

<body>

<img src="paint1.png"usemap="#image1">

<map name=image1>

<area shape="circle" coords="727,202,91" href="file:///C:/Users/Student/Desktop/%20bca1/wt%205/animals.html">

<area shape="poly" coords="293,368,164,565,422,563" href="file:///C:/Users/Student/Desktop/%20bca1/wt%205/birds.html">

<area shape="rect" coords="65,83,392,258" href="file:///C:/Users/Student/Desktop/%20bca1/wt%205/flowers.html">

<area shape="poly" coords="892,343,892,574,782,458,1001,458" href="file:///C:/Users/Student/Desktop/%20bca1/wt%205/fruits.html">

</map>

</body>

</html>

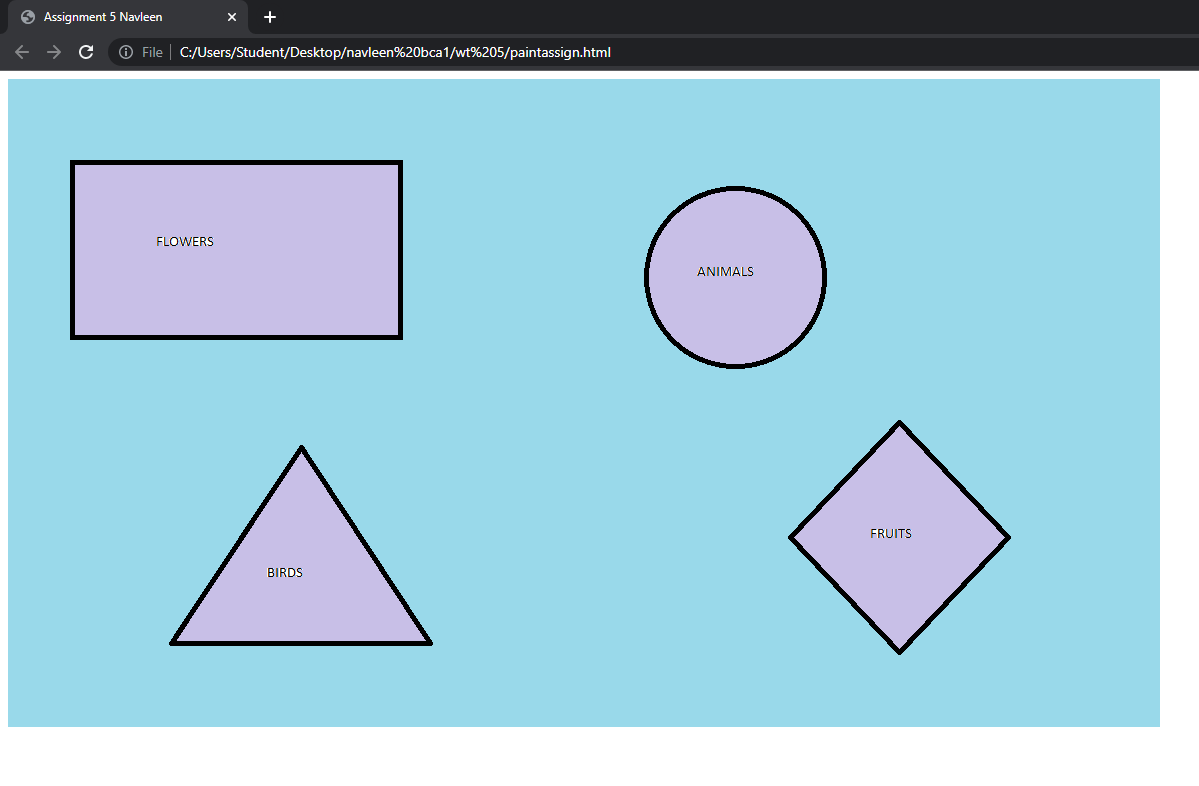


Fig: output of Question 5.

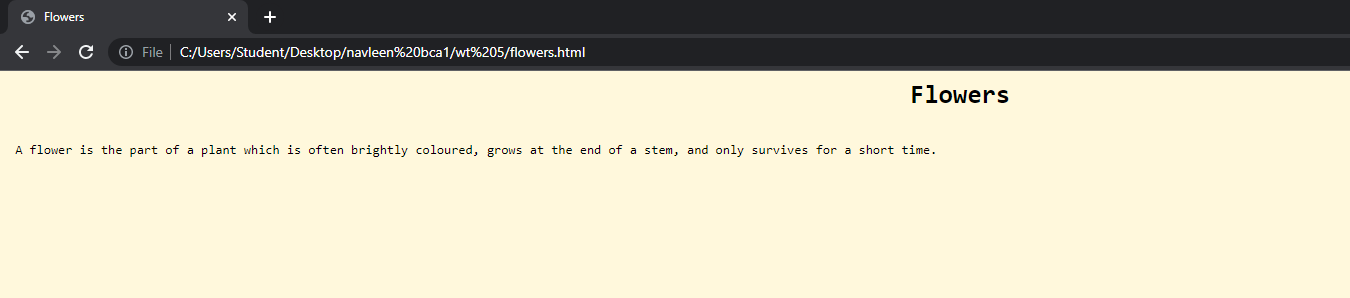


Fig: output of Question 5.

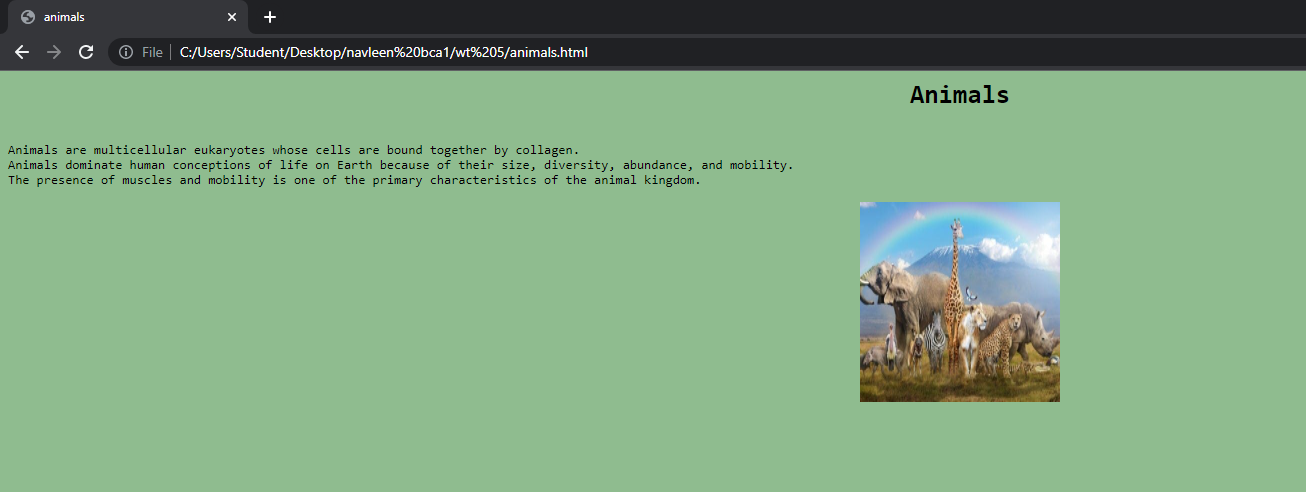


Fig: output of Question 5.

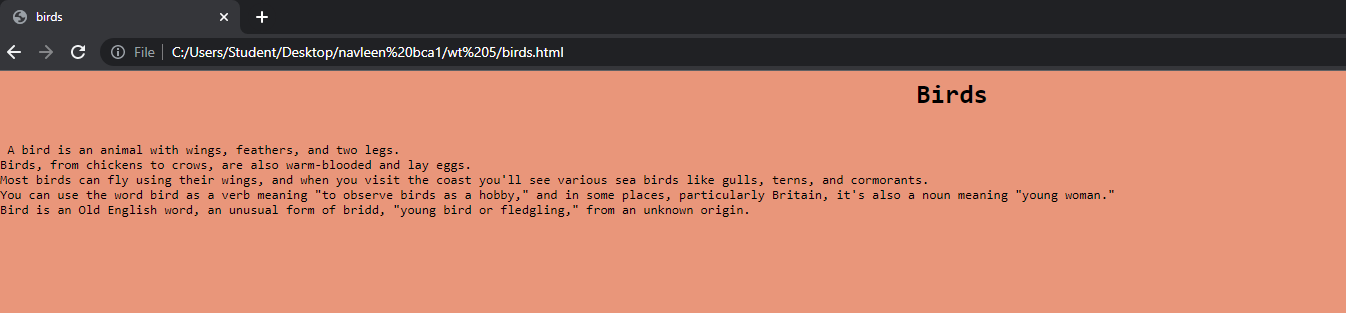


Fig: output of Question 5.

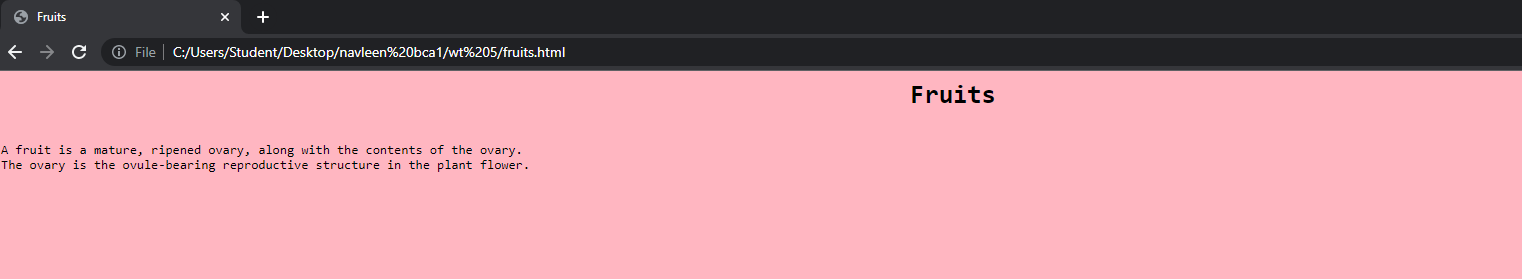


Fig: output of Question 5.

**Assignment 6**

**Question:** Design Student Registration form for admission in college.

**CODING:**

<html>

<body >

<h1 align=center> <b>Student Registration Form </b></h1>

<form>

<pre>

Roll no: <input type=text name=roll no><br><br>

Name: <input type=text name=name><br><br>

contact no.: <input type=text name=contact><br><br>

Father's name:<input type=text name=father's name>

Gender:

<input type=radio name=gender value=male checked> Male

<input type=radio name=gender value=female> female

Hobbies:

<input type=checkbox name=hobbies value=Singing checked> Singing

<input type=checkbox name=hobbies value=watching tv>watching tv

<input type=checkbox name=hobbies value=Cooking> Cooking

<input type=checkbox name=hobbies value=gardening>gardening

Course:

<Select>

<option value=BCA> BCA </option>

<option value=BBA> BBA </option>

<option value=Bcom hons> B.com (hons) </option>

</select>

Address

<textarea rows=5 cols=30>

</textarea>

<input type=submit value=SUBMIT> <input type=reset value=RESET>

</pre>

</form>

</body>

</html>

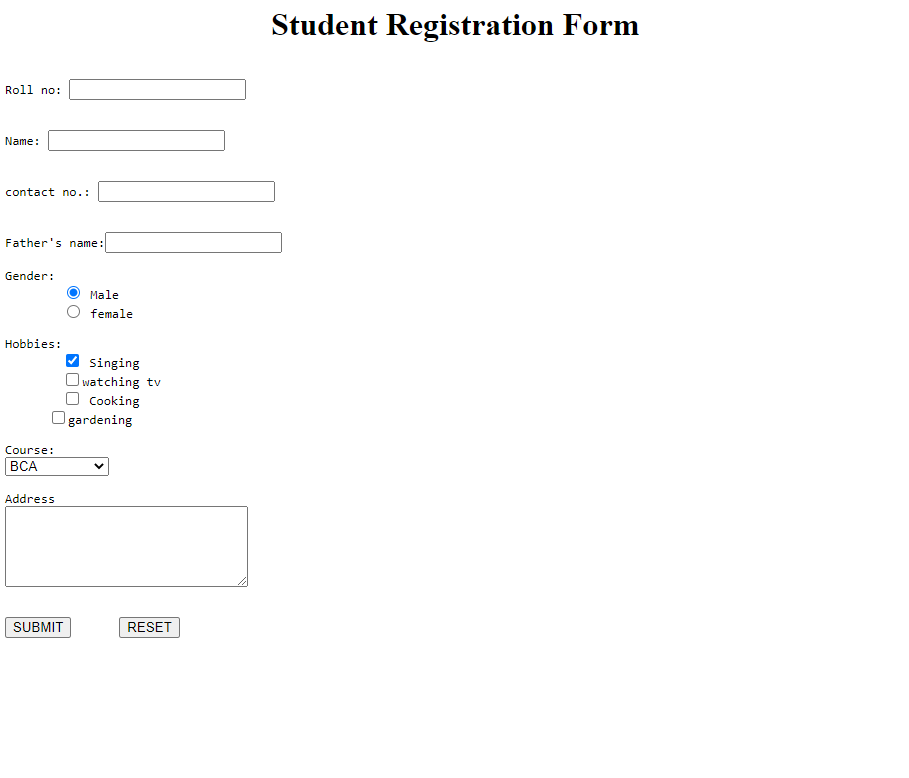


Fig: output of Question 6.

**Assignment 7**

**Question:** Create a web page and show the usage of inline, internal and external style sheet.

**CODING:**

**CSS FILE.(EXTERNAL FILE)**

h2

{

color:blue;

text-align=center;

border-style:double;

border-color:pink;

}

hr

{

color:pink;

}

**INTERNAL AND INLINE CSS.**

<html>

<head>

<title> ASSIGNMENT 7 </title>

<style>

p

{

color:blue;

text-decoration:underline;

text-transform:uppercase;

text-indent:100px;

text-align:center;

font-family:algerian;

font-weight:500;

font-size:30px;

font-style:bold;

</style>

</head>

<body style="background-image:url('image.jpg');background-repeat:no-repeat;background-position:center center">

<link ref="stylesheet" type="text/css" href="csspage.css">

<h1 style=text-align:center;color:red;border-style:dashed;text-transform:uppercase>cascading style sheet</h1>

<p>use of inline, internal and external style sheet</p>

<hr>

<h2 align=center>Inline style sheets are time consuming as compared to other styles</h2>

</body>

</html>

Fig: output of Question 7.

**Assignment 8**

**Question:** Create a web page containing a background image and apply all the background styling attributes.

**CODING:**

<html>

<head>

<style>

body{

background-image:url(‘https://source.unsplash.com/random/999X100/?wallpaper,landscape ');

background-repeat:no-repeat;

background-size:50%;

background-position:center right;

background-color:#121212;

}

h1{

color:whitesmoke;

font-family:broadway;

font-size:100px;

text-decoration:underline;

}

p{

color:cyan;

font-family:algerian;

font-size:50px;

}

</style>

</head>

<body>

<br>

<h1 align=center>JUST SKY</h1>

<p align=center>we use image as background</p>

</body>

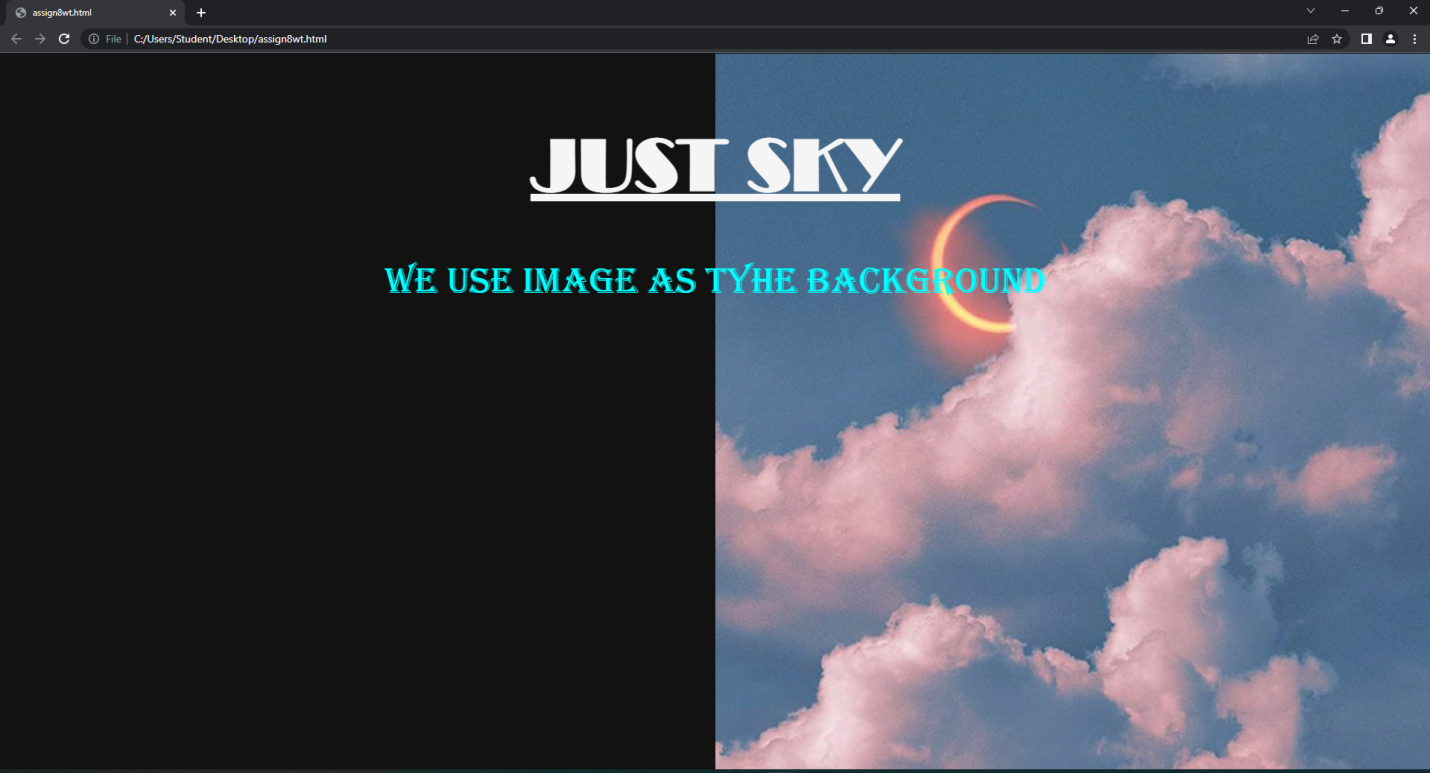
</html>

Fig: output of Question 8.

**Assignment 9**

**Question:** Create a web page showing the usage of font styling attributes.

**CODING:**

<html>

<head>

<style>

body{

background-color:#121212;

color:whitesmoke;

}

h1.head1{

font-style:oblique;

font-family:monospace;

line-height:10px;

font-size:40px;

text-align:left;

}

h1.head2{

font-style:normal;

font-family:broadway;

letter-spacing:10px;

font-size:60px;

text-align:center;

}

h1.head3{

font-style:italic;

font-size:100px;

font-family:algerain;

letter-spacing:10px;

line-height:10px;

font-variant:small-caps;

text-align:right;

}

</style>

</head>

<body>

<br>

<h1 class=head1>Cascading Style Sheet</h1>

<h1 class=head2>Cascading Style Sheet</h1>

<h1 class=head3>Cascading Style Sheet</h1>

</body>

</html>

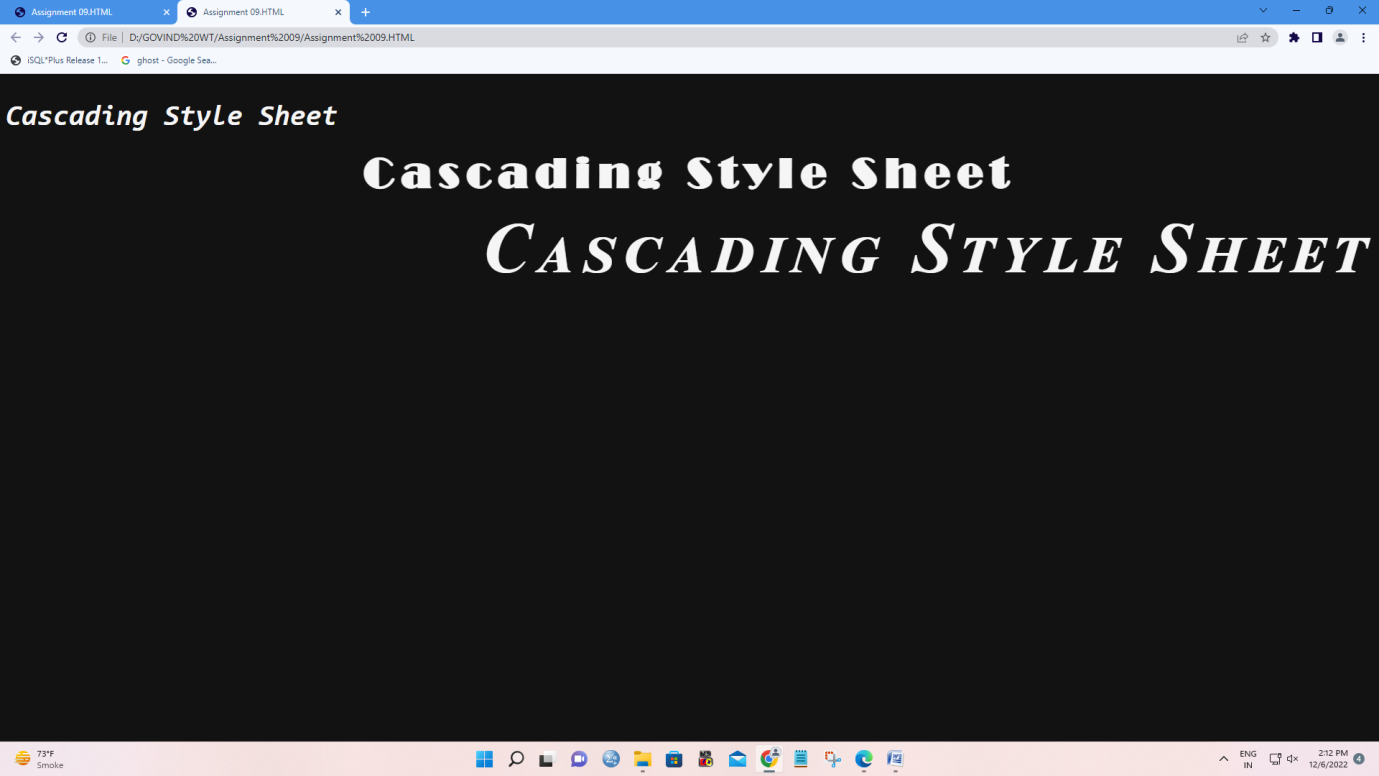


Fig: output of Question 9.

**Assignment 10**

**Question:** Create a webpage and apply all the text styling attributes use id and class selector.

**CODING:**

<html>

<head>

<style>

body{

background-color:#8FBC8F;

color:whitesmoke;

}

h1.head1

{

text-decoration:overline;

text-transformation:capitalize;

direction:rtl;

font-family:monospace;

line-hieght:10px;

font-size:40px;

text-align:left;

}

h1#head2

{

text-decoration:underline;

color:cyan;

direction:ltr;

text-indent:20px;

font-family:broadway;

letter-spacing:10px;

text-align:center;

font-size:60px;

}

p.par

{

text-decoration:line-through;

direction:rtl;

text-transformation:lowercase;

text-align:right;

font-family:algerian;

font-size:20px;

letter-spacing:10px;

line-height:38px;

}

</style>

</head>

<body>

<h1 class=head1>cascading style sheet</h1>

<h1 id=head2>cascading style sheet</h1>

<p class=par>

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML).

CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

CSS is among the core languages of the open web and is standardized across Web browsers according to W3C specifications.

Previously, the development of various parts of CSS specification was done synchronously, which allowed the versioning of the latest recommendations. You might have heard about CSS1, CSS2.1, or even CSS3. There will never be a CSS3 or a CSS4; rather, everything is now CSS without a version number.

</p>

</body>

</html>

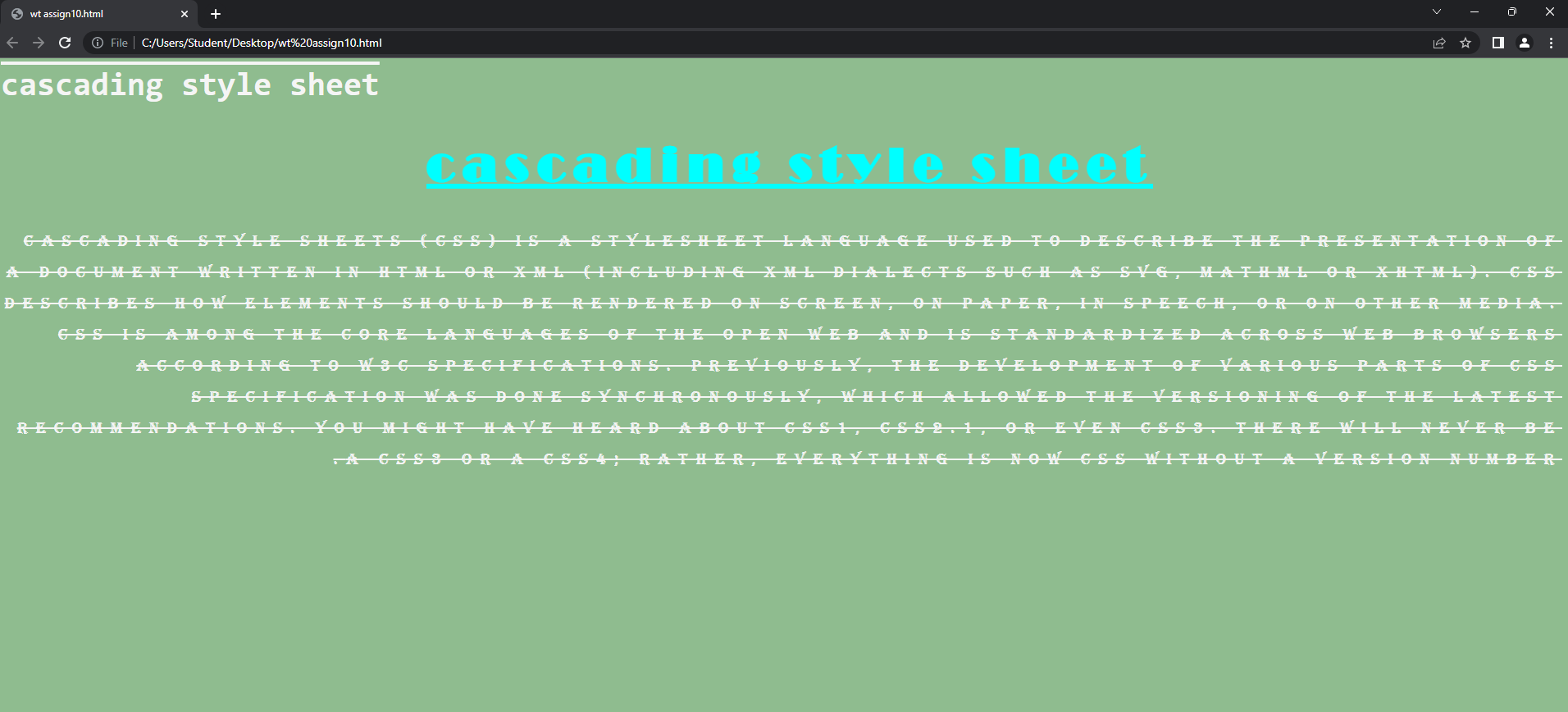


Fig: output of Question 10.

**Assignment 11**

**Question**: Create a webpage and implement all list styling attributes.

**CODING:**

**Part 1**

<html>

<head>

<style>

ul.a{

list-style-type:Circle;

color:red;

}

ul.b{

list-style-type:Square;

color:green;

}

ol.c{

list-style-type:Upper roman;

color:blue;

}

ol.d{

list-style-type:Lower-alpha;

color:yellow;

}

</style>

</head>

<body style="background-color:cyan">

<h2>The List-Style-type property</h2>

<p>Example of Unordered list: </p>

<ul class="a">

<li>coffee</li>

<li>Tea</li>

<li>Coca cola</li>

</ul>

<ul class="b">

<li>coffee</li>

<li>Tea</li>

<li>Coca cola</li>

</ul>

<p>Example of ordered list :</p>

<ol class="c">

<li>Coffee</li>

<li>Tea</li>

<li>Coca cola</li>

</ol>

<ol class="d">

<li>Coffee</li>

<li>Tea</li>

<li>Coca cola</li>

</ol>

</body>

</html>

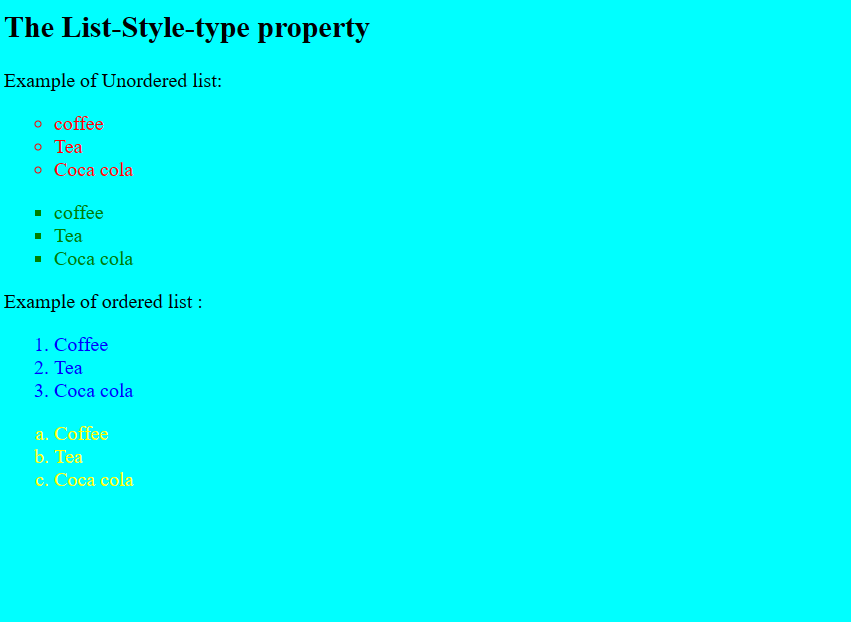


Fig: output of Question 11(part 1).

**Part 2**

<html>

<head>

<style>

ol

{

background:#ff9999;

padding:20px;

}

ul

{

background:#3399ff;

padding:20px;

}

ol li{

background:#ffe5e5;

color:darked;

padding:5px;

margin-left:35px;

}

ul li

{

background:#cce5ff;

color:darkblue;

margin:5px;

}

</style>

</head>

<body>

<h1>Styling List with Colors</h1>

<ol>

<li>Coffee</li>

<li>Tea</li>

<li>Coca Cola</li>

</ol>

<ul>

<li>Coffee</li>

<li>Tea</li>

<li>Coca Cola</li>

</ul>

</body>

</html>



Fig: output of Question 11(part 2).

**Assignment 12**

**Question:** Create a webpage with 3 equal columns.

**CODING:**

<html>

<head>

<title>Bootstrap Cols</title>

<meta name="viewport" content="width=device-width,initial-scale=1">

<link

 href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"

 rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"

 crossorigin="anonymous">

<link rel="stylesheet" href="csboot.css">

</head>

<body>

<div class="container">

<div class="row">

<div class="col-md-4"> Col 1 </div>

<div class="col-md-4"> Col 2 </div>

<div class="col-md-4"> Col 3 </div>

</div>

<div class="row">

<div class="col-md-6"> Col 1 </div>

<div class="col-md-6"> Col 2 </div>

</div>

<div class="row">

<div class="col-md-4"> Col 1 </div>

<div class="col-md-8"> Col 2 </div>

</div>

</div>

</body>

</html>

**CSS CODE**

.container

{

 border:8px solid green;

}

.row

 {

  border:5px solid red;

}

.col-md-1, .col-md-2, .col-md-3, .col-md-4, .col-md-5, .col-md-6, .col-md-7, .col-md-8, .col-md-9,

.col-md-10, .col-md-11, .col-md-12

{

border:5px solid black;

}

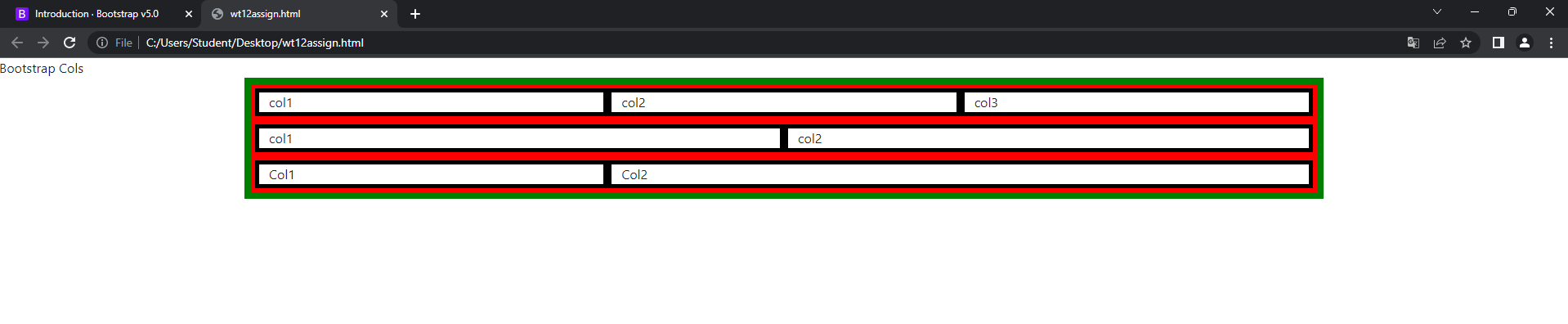


Fig: output of Question 12.

**Assignment 13**

**Question**: Create a webpage containing a bootstrap table.

**CODING:**

<html>

<head>

<title>Bootstrap</title>

<meta name="viewport" content="width=device-width,initial-scale=1">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">

</head>

<body>

<div class="container">

<h2>Bootstrap Table</h2>

<table class="table table-condensed">

<tr class="default">

<th>Firstname</th>

<th>Lastname</th>

<th>Course<th>

</tr>

<tr class="table table-danger">

<td>Rohan</td>

<td>Sharma</td>

<td>BCA</td>

</tr>

<tr class="table table-warning">

<td>Manik</td>

<td>Gupta</td>

<td>BBA</td>

</tr>

<tr class="table table-success">

<td>Manish</td>

<td>Sharma</td>

<td>BCA</td>

</tr>

<tr class="table table-info">

<td>Megha</td>

<td>Saraff</td>

<td>BBA</td>

</tr>

<tr class="table table-active">

<td>Namita</td>

<td>Kapoor</td>

<td>BBA</td>

</tr>

</table>

</div>

</body>

</html>

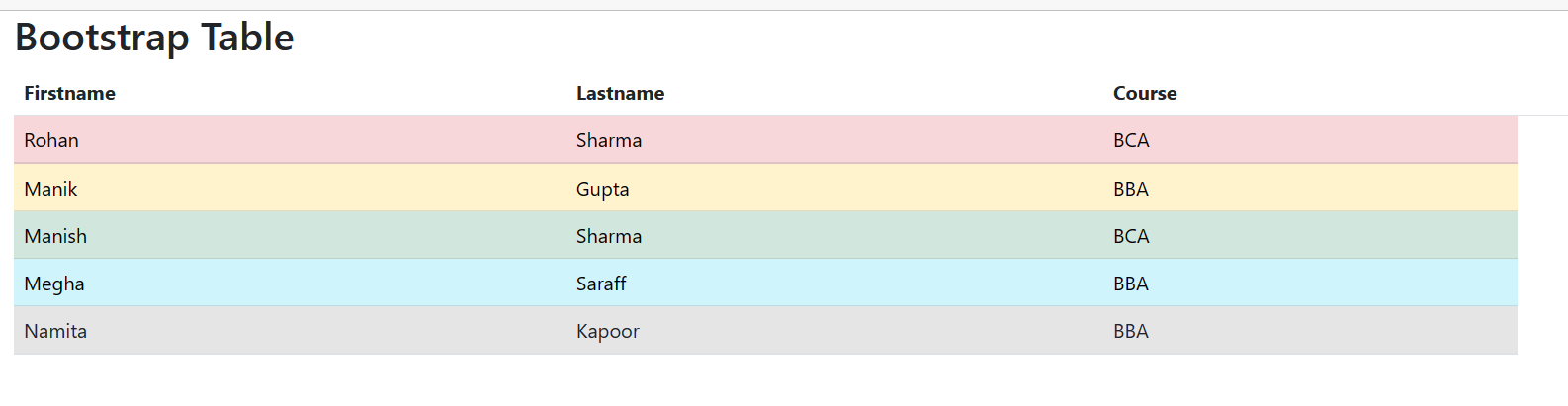


Fig: output of Question 13.

**Assignment 14**

**Question:** Create a webpage containing various kind of images.

**CODING:**

<html>

<head>

<title>Bootstrap Assignment 14 </title>

<meta name="viewport"content="width=device-width,initial-scale=1">

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@3.3.7/dist/css/bootstrap.min.css" integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

</head>

<body>

<div class="container">

<h2 align=center>Bootstrap images</h2>

<center>

<img src="wallpaper.jpg" class="img-rounded" height="300" width="400"><br><br>

<img src="wallpaper.jpg" class="img-circle" height="300" width="400"><br><br>

<img src="wallpaper.jpg" class="img-thumbnail" height="50" width="100"><br><br>

</center>

</div>

</body>

</html>

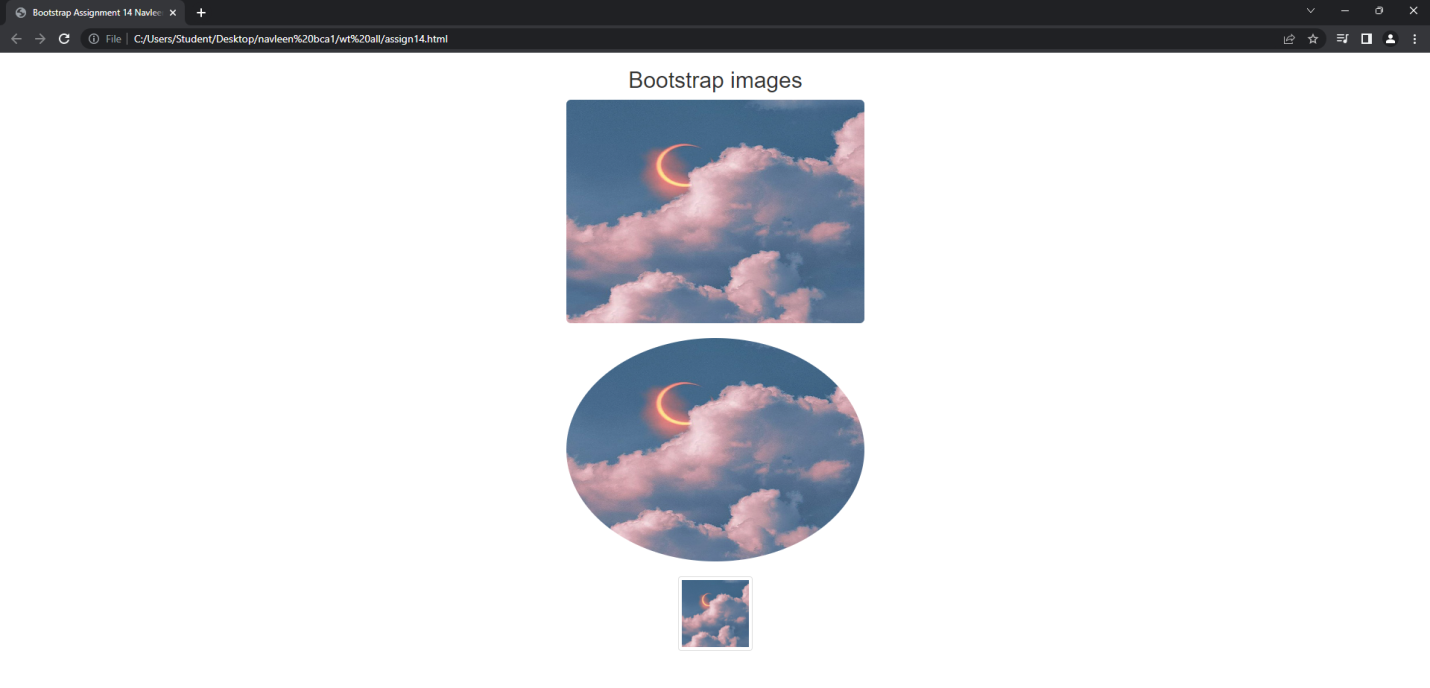


Fig: output of Question 14.

**Assignment 15**

**Question:** Create a webpage containing various type of buttons.

**CODING:**

<html>

<head>

<title>Bootstrap</title>

<meta name="viewport" content="width=device-width,initial-scale=1">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"

rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"

crossorigin="anonymous">

</head>

<body>

<h2>Bootstrap Button Classes</h2>

<button type="button" class="btn">Basic</button>

<button type="button" class="btn btn-primary">Primary</button>

<button type="button" class="btn btn-secondary">Secondary</button>

<button type="button" class="btn btn-success">Success</button>

<button type="button" class="btn btn-info">Info</button>

<button type="button" class="btn btn-warning">Warning</button>

<button type="button" class="btn btn-danger">Danger</button>

<button type="button" class="btn btn-dark">Dark</button>

<button type="button" class="btn btn-light">Light</button>

<button type="button" class="btn btn-link">Link</button><br><br>

<h2>Bootstrap Outline Size Classes</h2>

<button type="button" class="btn btn-Outline-primary">Primary</button>

<button type="button" class="btn btn-Outline-secondary">Secondary</button>

<button type="button" class="btn btn-Outline-success">Success</button>

<button type="button" class="btn btn-Outline-info">Info</button>

<button type="button" class="btn btn-Outline-warning">Warning</button>

<button type="button" class="btn btn-Outline-danger">Danger</button>

<button type="button" class="btn btn-Outline-dark">Dark</button>

<button type="button" class="btn btn-Outline-light">Light</button><br><br>

<h2>Bootstrap Button Size Classes</h2>

<button type="button" class="btn btn-primary btn-lg">Large</button>

<button type="button" class="btn btn-primary">Default</button>

<button type="button" class="btn btn-primary btn-sm">Small</button><br><br>

<div class="container">

<h2>Button Group</h2>

<div class="btn-group">

<button type="button" class="btn btn-primary">Apple</button>

<button type="button" class="btn btn-primary">Samsung</button>

<button type="button" class="btn btn-primary">Sony</button>

</div>

</div>

</body>

</html>

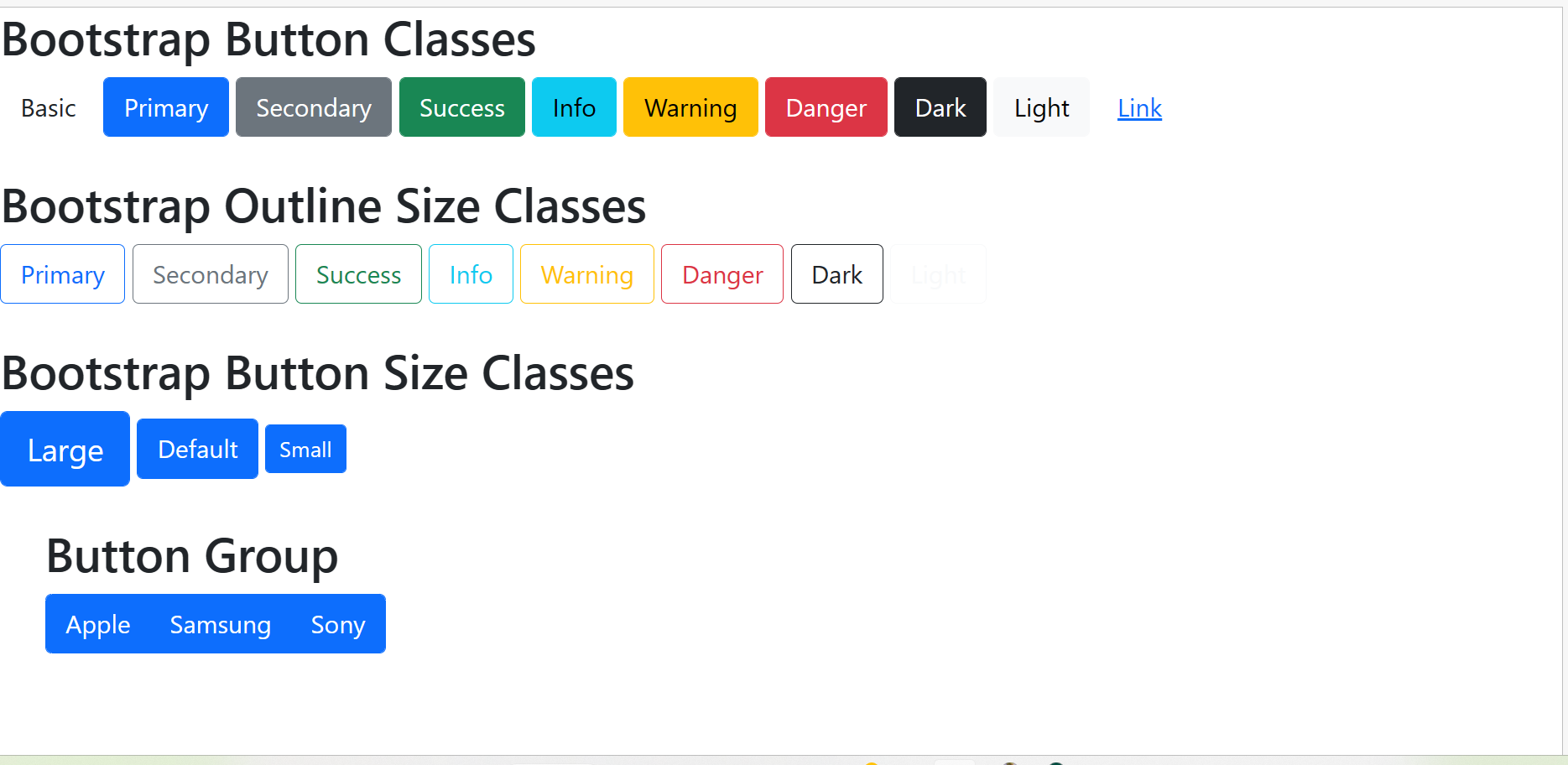


Fig: output of Question 15.

**Assignment 16**

Solution part 1:

<html>

<head>

<title>Bootstrap</title>

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@3.3.7/dist/css/bootstrap.min.css"

integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

</head>

<body>

<div class="container">

<div class="jumbotron">

<h1>Bootstrap Tutorail</h1>

<p>Bootstrap is the most popular HTML,CSS,and JS framework for developing responsive,mobile-first project

on the web.</p>

</div>

</div>

</body>

</html>

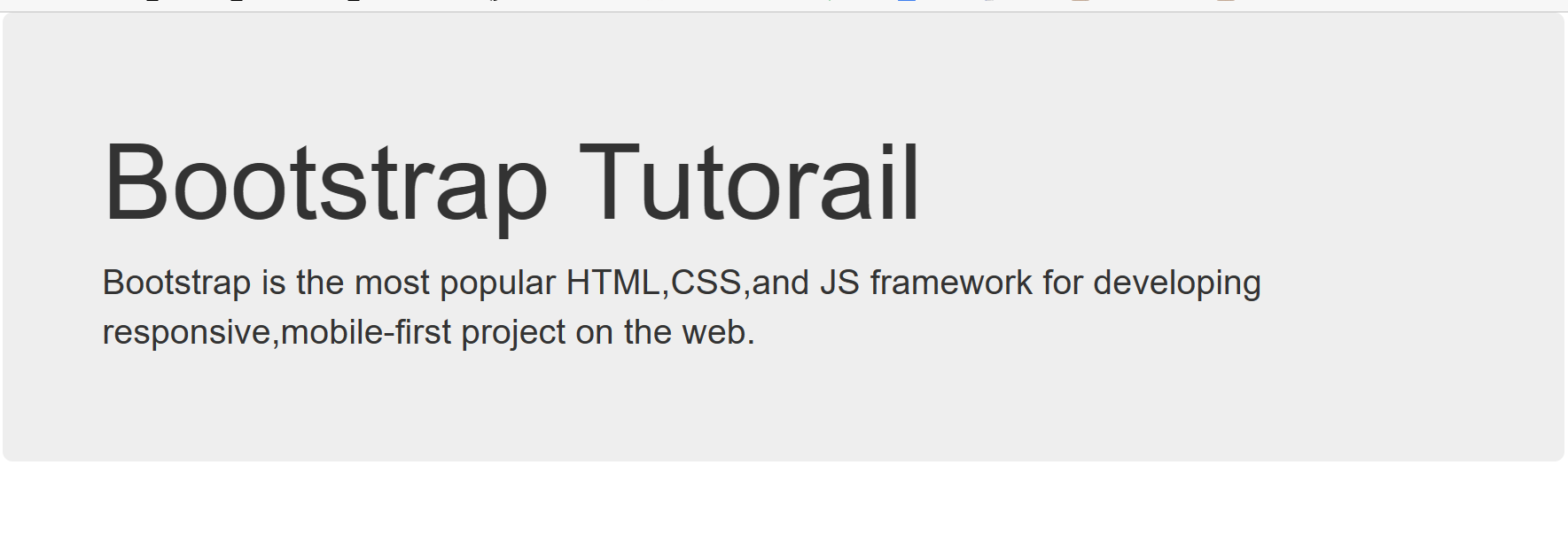


Fig: output of Question 16 part 1.

Solution part 2:

<html>

<head>

<title>Bootstrap</title>

<meta name="viewport" content="width=device-width,initial-scale=1,shrink-to-fit=no">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"

rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"

crossorigin="anonymous">

<body>

<div class="container mt-3">

<h2>Example of Jumbotron</h2>

<div class="mt-4 p-5 bg-primary text-white rounded">

<h1>Jumbotron Example</h1>

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Repellat esse quas,

harum similique error tenetur ea blanditiis optio quasi. Non dolorum repellat,

magnam praesentium eaque neque saepe voluptas veritatis animi.

</p>

</div>

</div>

</body>

</html>

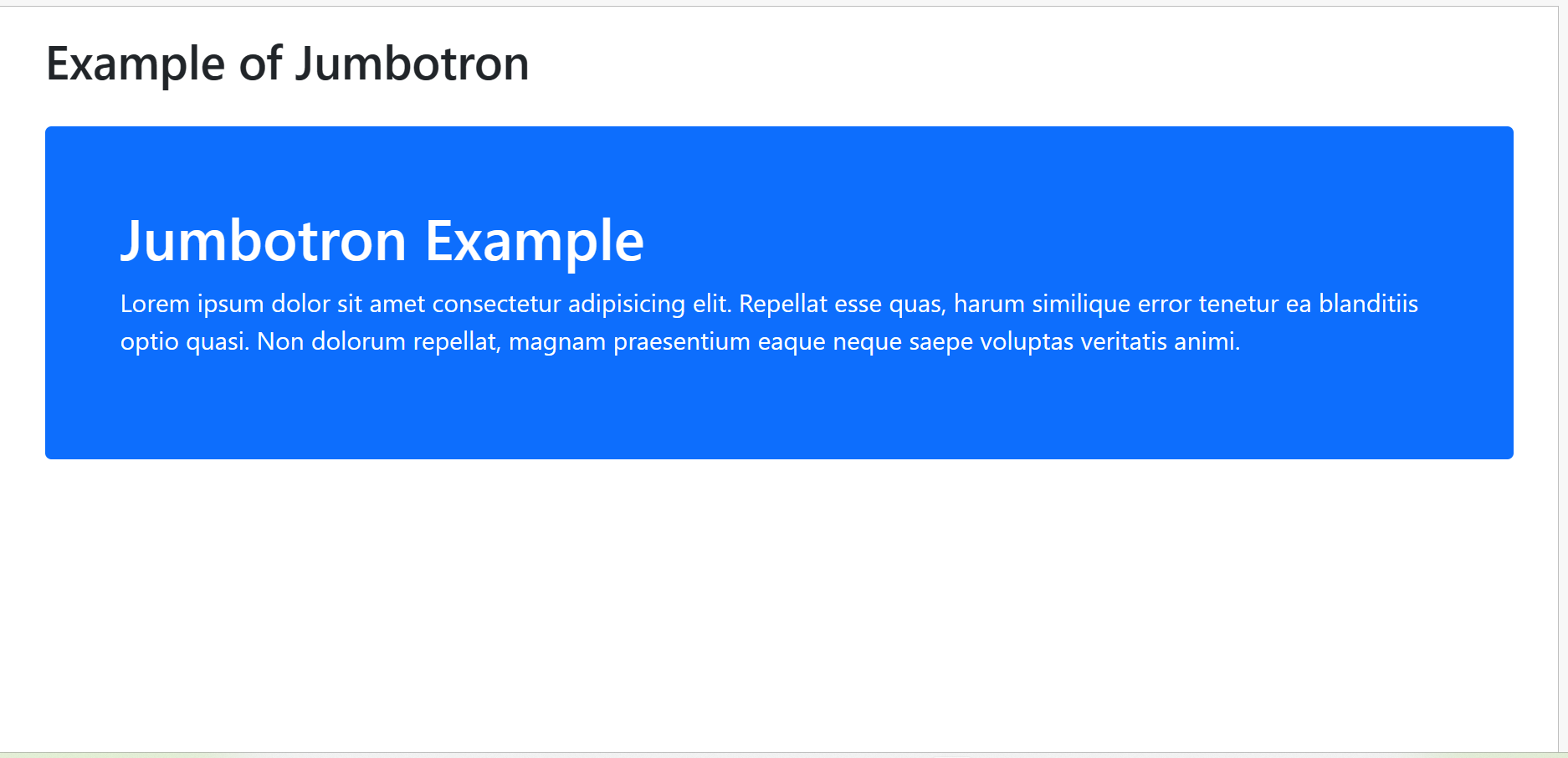


Fig: output of Question 16 part 2.

**Assignment 17**

Solution:

<html>

<head>

<title>Bootstrap</title>

<meta name="viewport" content="width=device-width,initial-scale=1,shrink-to-fit=no">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">

<body>

<div class="container mt-3">

<p class="h1">h1 Bootstrap heading</p>

<p class="h2">h2 Bootstrap heading</p>

<p class="h3">h3 Bootstrap heading</p>

<p class="h4">h4 Bootstrap heading</p>

<p class="h5">h5 Bootstrap heading</p>

<p class="h6">h6 Bootstrap heading</p>

<div container>

<h1 class="display-1">Display 1</h1>

<h1 class="display-2">Display 2</h1>

<h1 class="display-3">Display 3</h1>

<h1 class="display-4">Display 4</h1>

<h1 class="display-5">Display 5</h1>

<h1 class="display-6">Display 6</h1>

</div>

<div class="container">

<h1>h1 heading<small>secondary text</small></h1>

<h2>h2 heading<small>secondary text</small></h2>

<h3>h3 heading<small>secondary text</small></h3>

<h4>h4 heading<small>secondary text</small></h4>

<h5>h5 heading<small>secondary text</small></h5>

<h6>h6 heading<small>secondary text</small></h6>

</div>

<div class="container">

<h1>highlight text</h1>

<p>use the mark element to <mark>highlight </mark>text.</p>

</div>

<div class="container">

<h1>Abbreviations</h1>

<p>the abbr element is used to mark up an abbreviation or acronym</p>

<p>the <abbr title="world health org">WHO</abbr> was founded in 1948</p>

</div>

<div class="container">

<h1>blockquotes</h1>

<p>the blockquote element is used to present content from another source</p>

</blockquote>

<p>for 50 yrs,WWF has been protecting the future of nature</p>

<footer>From WWF's website</footer>

</blockqoute>

</div>

<div class="container">

<h1>Description List</h1>

<p>the dl element indicates a description list:</p>

<dl>

<dt>Coffee</dt>

<dd>black hot drink</dd>

<dt>Milk</dt>

<dd>-white cold drink</dd>

</dl>

</div>

<div class="container">

<h1>Code Snippets</h1>

<p>inline snippets of code should be embedded in the code element</p>

<p>the following html elements:<code>

</div>

<div class="contianer">

<h2>Contextual Colors</h2

<p class="text-muted">this text is muted</p>

<p class="text-primary>this text is important</p>

<p class="text-success">this text indicates success </p>

<p class="text-info">this text represents some info</p>

<p class="text-warning">this text represents a warning</p>

<p class="text-danger">this text represents danger</p>

<p class="text-secondary">Secondary Text</p>

<p class="text-dark">this text is dark</p>

</div>

<div class="container">

<h2>Background Color with contrasting Text COlor</h2>

<p class="bg-primary">This text is important</p>

<p class="bg-success">This text indicates success</p>

<p class="bg-info">This text represent some info</p>

<p class="bg-danger">This text represents danger</p>

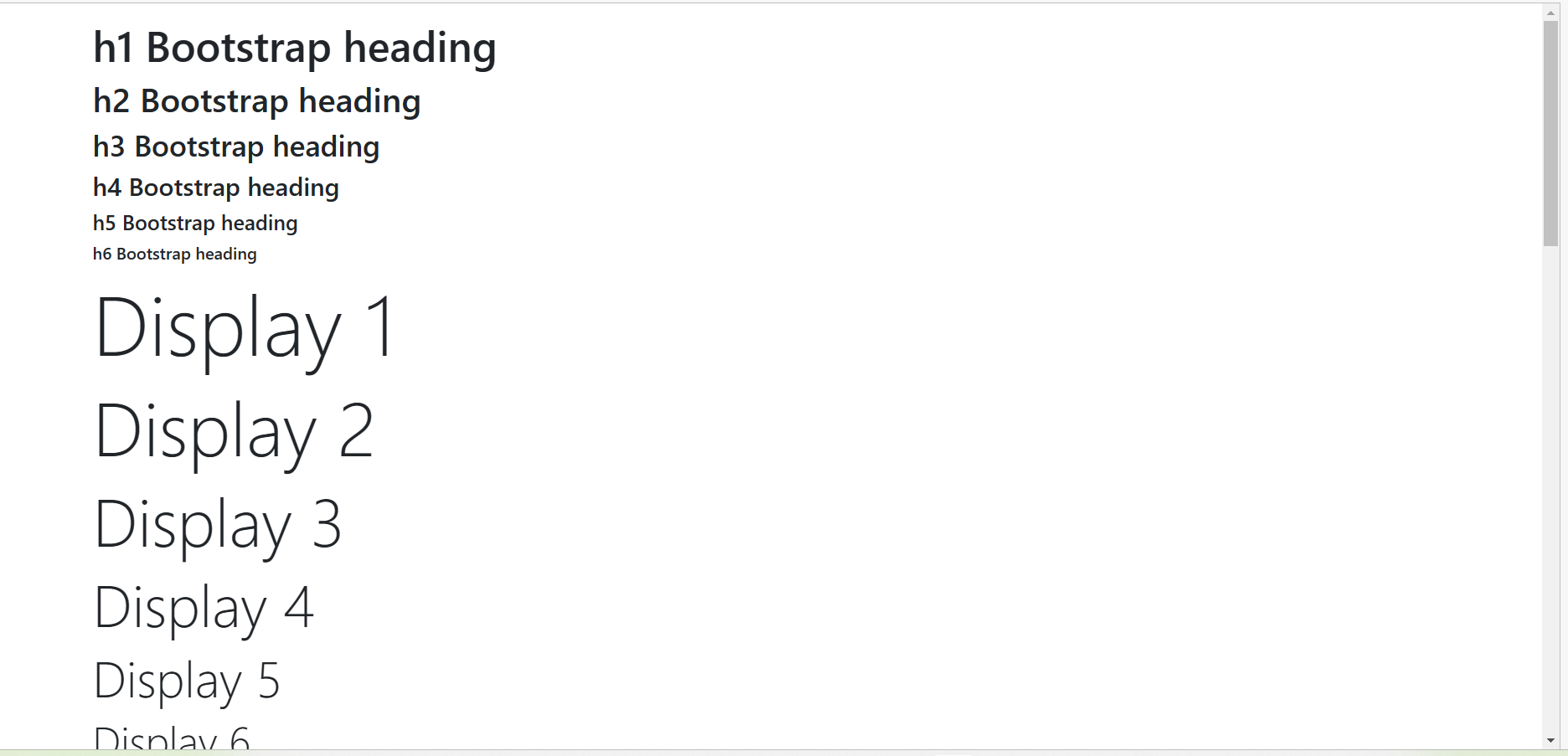
<p class="bg-light">light</p>

</div>

</body>

</html>

**OUTPUT:**

 Fig: output of Question 17.

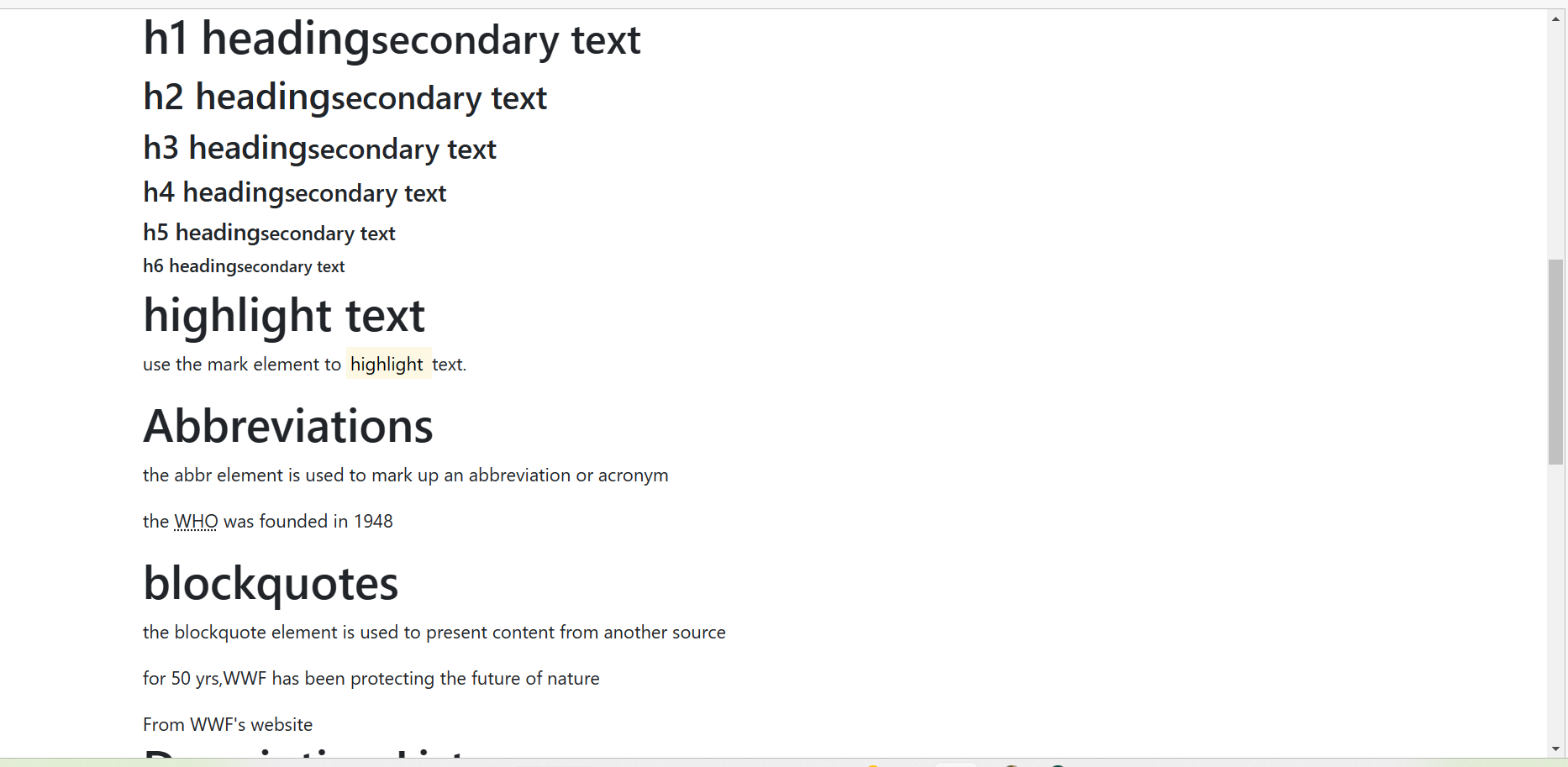


Fig: output of Question 17.

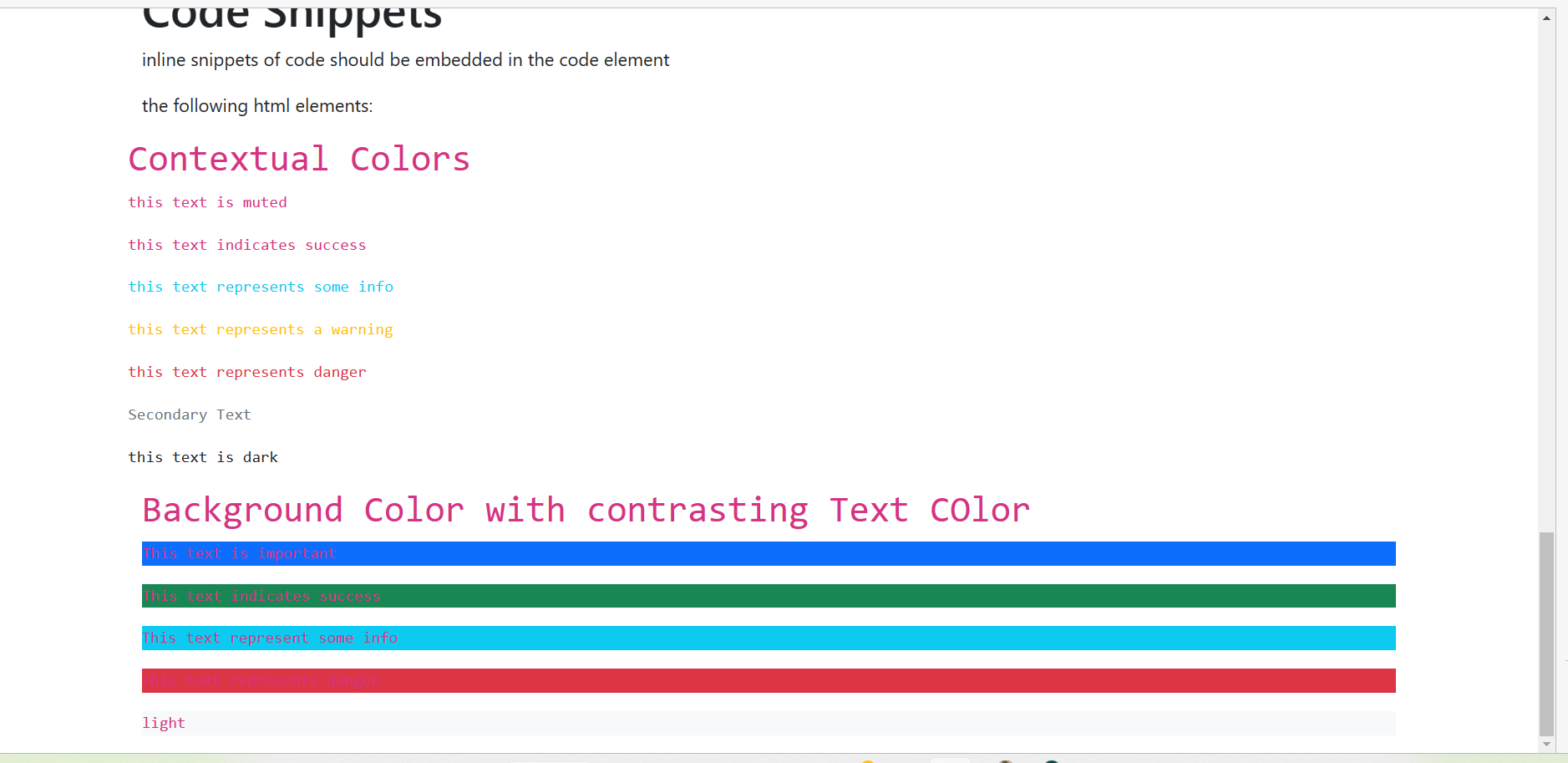


Fig: output of Question 17.

**Assignment 18**

**Question:** Write a program to display a username by taking input from the user.

**CODING:**

<html>

<head>

<title>Assignment 18</title>

</head>

<body>

<script type="text/javascript">

var a=prompt("Enter your name:");

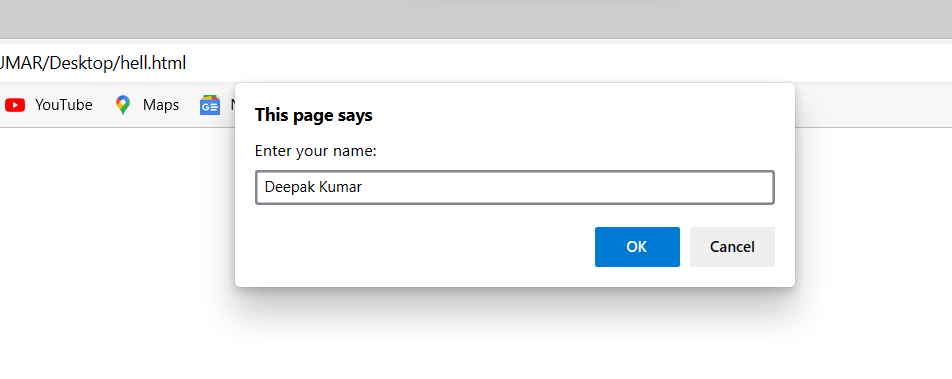
document.write(a);

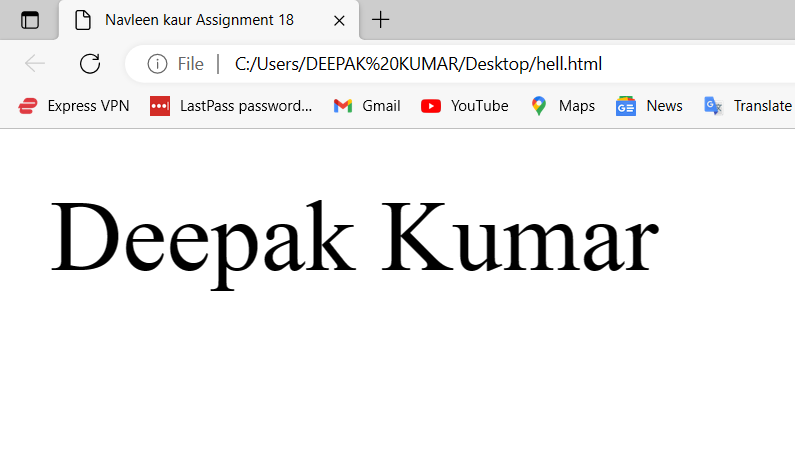
</script>

</body>

</html>

**OUTPUT:**



Fig;final output.

**Assignment 19**

**Question:** Write a program to show the usage of alert box, confirm box and prompt box.

**CODING:**

<html>

<head>

<title>Navleen kaur Assignment 19</title>

</head>

<body>

<script type="text/javascript">

var a=prompt("Enter your name:");

document.write(a+"<br>");

alert("Welcome to lab!");

var b=confirm("Are you sure you want to delete!");

if(b==1)

document.write("This file is deleted");

else

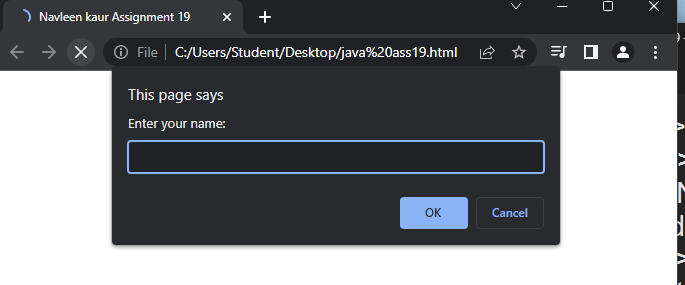
document.write("File is not deleted");

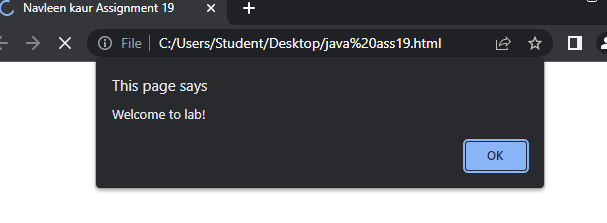
</script>

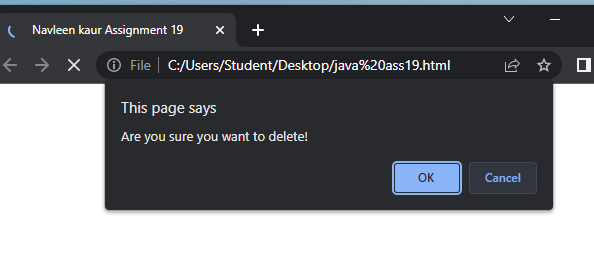
</body>

</html>

**OUTPUT:**







**ASSIGNMENT 20**

**Question:** Write a program to implement event handling using onclick, onmouseover and onmouse events.

**CODING:**

<html>

<head>

<title> Assignmnent 20</title>

<script language="Javascript">

function f1()

{

alert("On out");

}

function f2()

{

alert("On mouseover");

}

function f3()

{

alert("On mouseout");

}

</script>

</head>

<body>

<form>

<br>

ONCLICK:<input type="button" onlcick="f1()" value="click me on click">

<br>

<br>

ONMOUSEOVER:<input type="button" onmouseover="f2()" value="click me for mouseover">

<br>

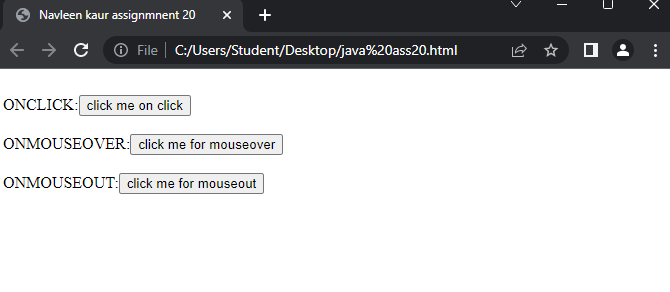
<br>

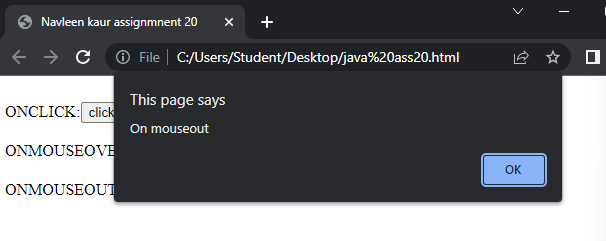
ONMOUSEOUT:<input type="button" onmouseout="f3()" value="click me for mouseout">

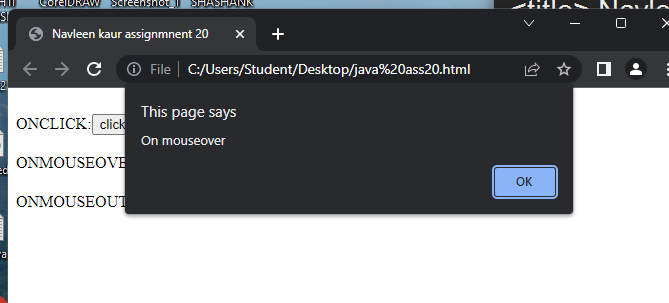
</body>

</html>

Output:







**ASSIGNMENT 21**

**CODING:**

<html>

<head>

<title>Date object</title>

<script>

var myd=new Date();

var d=myd.getDate();

var m=myd.getMonth()+1;

var y=myd.getFullYear();

document.write("Today's date is:"+d+"/"+m+"/"+y);

</script>

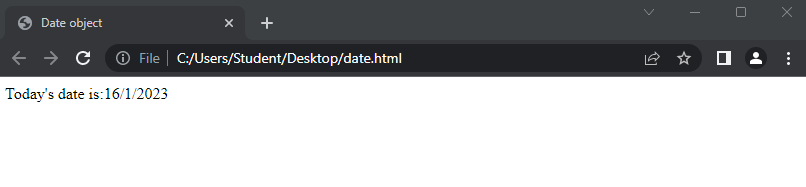
</head>

<body>

</body>

</html>

**OUTPUT:**



**CODING:**

<html>

<head>

<script>

document.write("abs():"+Math.abs(-12.3)+"<br>");

document.write("floor():"+Math.floor(12.3)+"<br>");

document.write("ceil():"+Math.ceil(12.3)+"<br>");

document.write("min():"+Math.min(1,3,5,2,7,)+"<br>");

document.write("max():"+Math.max(6,7,4,5,1)+"<br>");

document.write("sqrt():"+Math.sqrt(25)+"<br>");

document.write("pow():"+Math.pow(4,3)+"<br>");

document.write("round():"+Math.round(7.3)+"<br>");

document.write("random():"+Math.random()+"<br>");

</script>

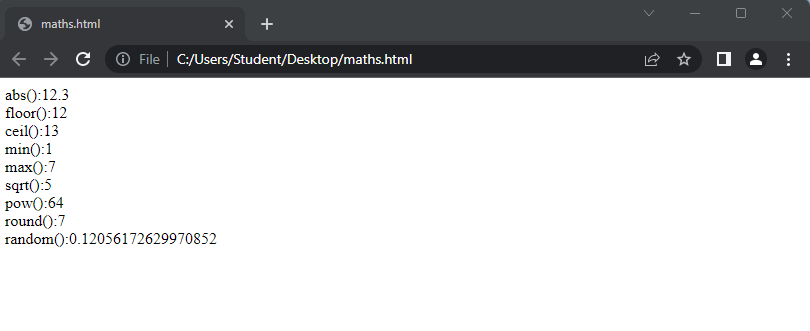
</head>

<body>

</body>

</html>

**OUTPUT:**



**CODING:**

<head>

</head>

<body>

<script>

var mystr="Welcome to Javascript";

document.write("string:"+mystr+"<br>");

document.write("length:"+mystr.length+"<br>");

document.write("Bold:"+mystr.bold()+"<br>");

document.write("Uppercase:"+mystr.toUpperCase()+"<br>");

document.write("Lowercase:"+mystr.toLowerCase()+"<br>");

document.write("strike:"+mystr.strike()+"<br>");

document.write("split:"+mystr.split('to')+"<br>");

document.write("indexof:"+mystr.indexOf('Java')+"<br>");

document.write("substr:"+mystr.substr(3,4)+"<br>");

document.write("replace:"+mystr.replace('to','you all to')+"<br>");

document.write("match:"+mystr.match('HTML')+"<br>");

document.write("character at:"+mystr.charAt(11)+"<br>");

document.write("Concat:"+mystr.concat('Classes')+"<br>");

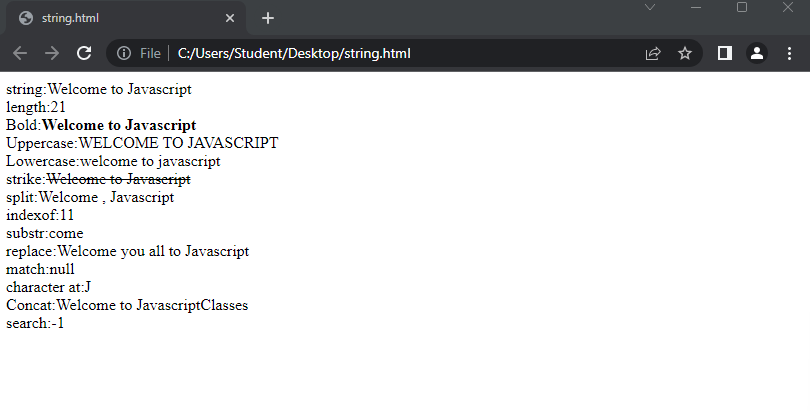
document.write("search:"+mystr.search('Script')+"<br>");

</script>

</body>

</html>

**OUTPUT:**



**Assignment-22**

**Question**: Write a program to display the book store details in XML with internal DTD.

**CODING:**

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<!DOCTYPE BookStore [

<!ELEMENT Bookstore (Bookname,BookID,Authorname,Publisher)>

<!ELEMENT Bookname (#PCDATA)>

<!ELEMENT BookID (#PCDATA)>

<!ELEMENT Authorname (#PCDATA)>

<!ELEMENT Publisher (#PCDATA)>

]>

<BookStore>

<Bookname>Web technology</Bookname>

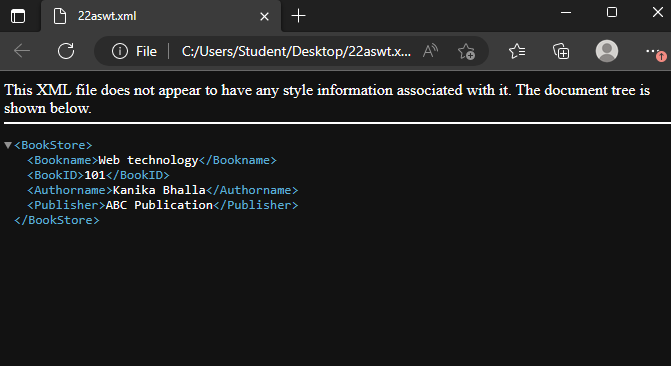
<BookID>101</BookID>

<Authorname>Kanika Bhalla</Authorname>

<Publisher>ABC Publication</Publisher>

</BookStore>

**OUTPUT:**



**Assignment-23**

**Question**: Write a program to display the teachers details in XML using External DTD.

**CODING:**

<?xml version="1.0" encoding="UTF-8" standalone="no" ?>

<!DOCTYPE teacherdetails SYSTEM "details.dtd">

<teacherdetails>

<teachername>Tanmay Patil</teachername>

<teacherid>111</teacherid>

<department>IT</department>

<designation>Assistant Professor</designation>

<contactno>9988776655</contactno>

</teacherdetails>

**OUTPUT:**

