

# CSE3002 Internet and Web Programming

## Lab Cycle Sheet 1 – HTML and CSS

Name: Apurva Sharma

Reg No: 19BCE0162

Lab slot: L55+L56

1)

Solution:

HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body style="background-color:yellow;">
  <p style="color:green; font-family: monospace;">Apurva Sharma</p>
  <p style="color:green; font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;">19BCE0162</p>
  <br>
  <font color="green" style="font-size: larger;">1</font>
  <font color="blue" style="font-size: larger;">2</font>
  <font color="gray" style="font-size: larger;">3</font>
  <font color="#008080" style="font-size: larger;">4</font>
  <font color="#00008B" style="font-size: larger;">5</font>
  <font color="brown" style="font-size: larger;">6</font>
  <font color="#dcdcdc" style="font-size: larger;">7</font>
  <font color="#800000" style="font-size: larger;">8</font>
  <font color="purple" style="font-size: larger;">9</font>
  <font color="#688e23" style="font-size: larger;">10</font>
```

```
<br>
<p>
  <font face="Arial" color="purple">
    Lorem Ipsum has been the industry's standard dummy text ever since
the 1500s.
  </font>

  <font face="Times New Roman" color="green">It is the core
    Lorem Ipsum is simply dummy text of the printing and typesetting
industry.
  </font>

  <font face="Verdana" color="blue">
    It has survived not only five centuries.
  </font>

  <font face="Helvetica" color="grey">
    It is a long established fact that a reader will be distracted by
the
    readable content of a page when looking at its layout.
  </font>
</p>
<br>

<p>One particular book which is recommended reading is <u>The Street
Lawyer</u> by <u>John Grisham</u>. This book is about a lawyer who begins
re-evaluating his priorities in life when a bad
    incident occurs within his law firm. Consequently, he becomes
acquainted with the inner city streets, and realizes the harsh existence
of the homeless, and vows to give them a chance in the courts. <u>The
Street Lawyer</u> is a <b><i>great</i></b>
    book. It is <b><i>well written</i></b> and
<b><i>interesting</i></b>. Other books by <u>John Grisham</u> include
<u>The Firm</u>, <u>The Pelican Brief</u>, and <u>The Client</u>.
  </p>
<br>
<h6>A</h6>
<h5>p</h5>
<h4>u</h4>
<h3>r</h3>
```

```
<h2>v</h2>
<h1>a</h1>

<!--<p> Hello world </p> -->
<br>
<pre>
    #include <stdio.h>

    int main()
    {
        printf("Hello World");

        return 0;
    }

</pre>
<br>
<marquee>Apurva Sharma</marquee>
</body>
</html>
```

## Output screenshot :



A  
p  
u  
r  
v  
a

```
#include  
  
int main()  
{  
    printf("Hello World");  
    return 0;  
}
```

Apurva Sharma

2)

Solution:

HTML Code:

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <title>Document</title>  
</head>  
<body>  
    <h1>  
        Apurva Sharma  
    </h1>  
  
    <h2>  
        B-104 Jainam Heights, Lalpur, Raipur, Chhattisgarh  
    </h2>  
  
    <p>  
        I'm Apurva Sharma. I'm currently a <strong>sophomore</strong>  
pursuing my B.Tech Degree from VIT, Vellore.
```

```
A passionate learner and actively looking for internship
opportunity and collaborations with
Tech Societies. <strong>Skilled in Python (Programming Language) ,
Data Structures, Data Science, C (Programming Language) ,
and Machine Learning. </strong>
</p>

<h3>The list of courses I've opt for, this semester: </strong></h3>

<ul>
<li>Internet and Web Programming</li>
<li>Content Based Image and Video Retrieval</li>
<li>Software Engineering</li>
<li>Java Programming</li>
<li>Networks and Communications</li>
</ul>

<h3>Three favourite TV Shows/Movie </strong></h3>

<ol>
<li>Breaking Bad</li>
<li>Two and a half men: <a
href="https://timesofindia.indiatimes.com/tv/news/english//photostory/4927
4369.cms">Interesting Facts about the show</a></li>
<li>Shutter Island</li>
</ol>

<h3>My Face when Happy:</h3>


<h3>My Face when sad:</h3>


<h3>Something about my neighbours</h3>

<p>They play loud music and disturb people. </p>

<h3>Some more about me</h3>
<p> I am passionate about Data Science and it's application. I have
experience in working with different deep learning frameworks.
```

Currently I have been focusing on MLOps for deployment. I love to participate in hackathons and have won 4 of them. I primarily work in Python.

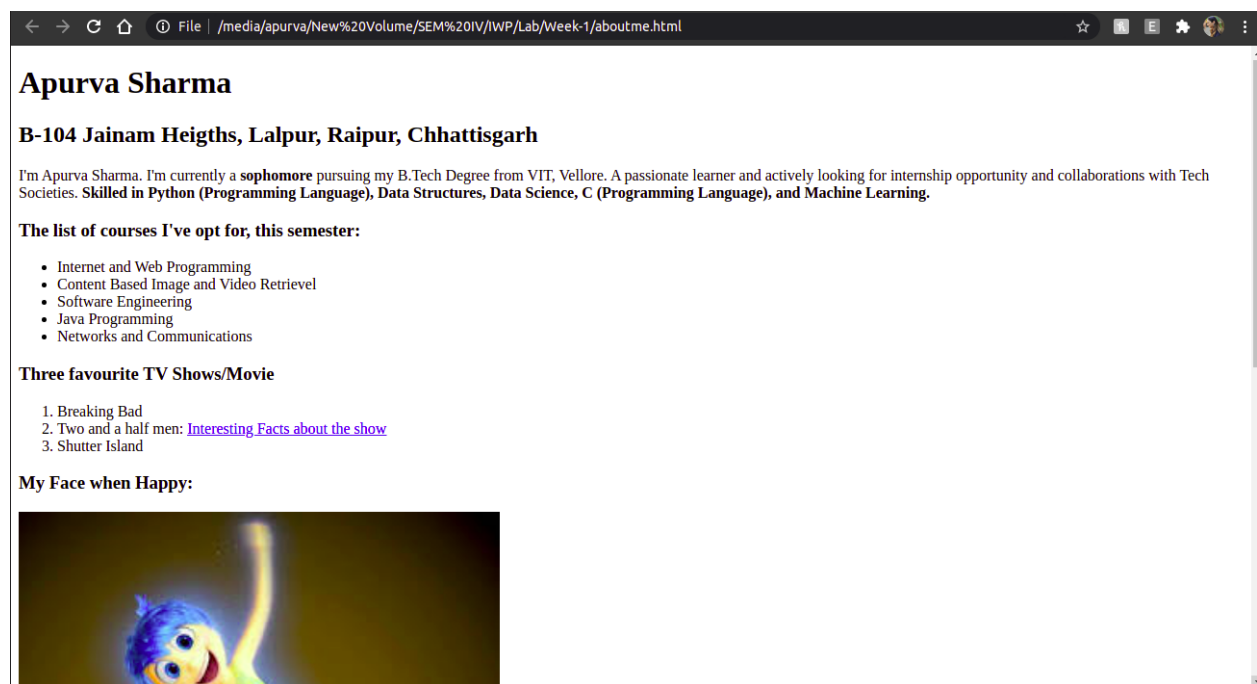
And have knowledge of C/Cpp in applications of Data Structures and Algorithms. And Currently learning java.

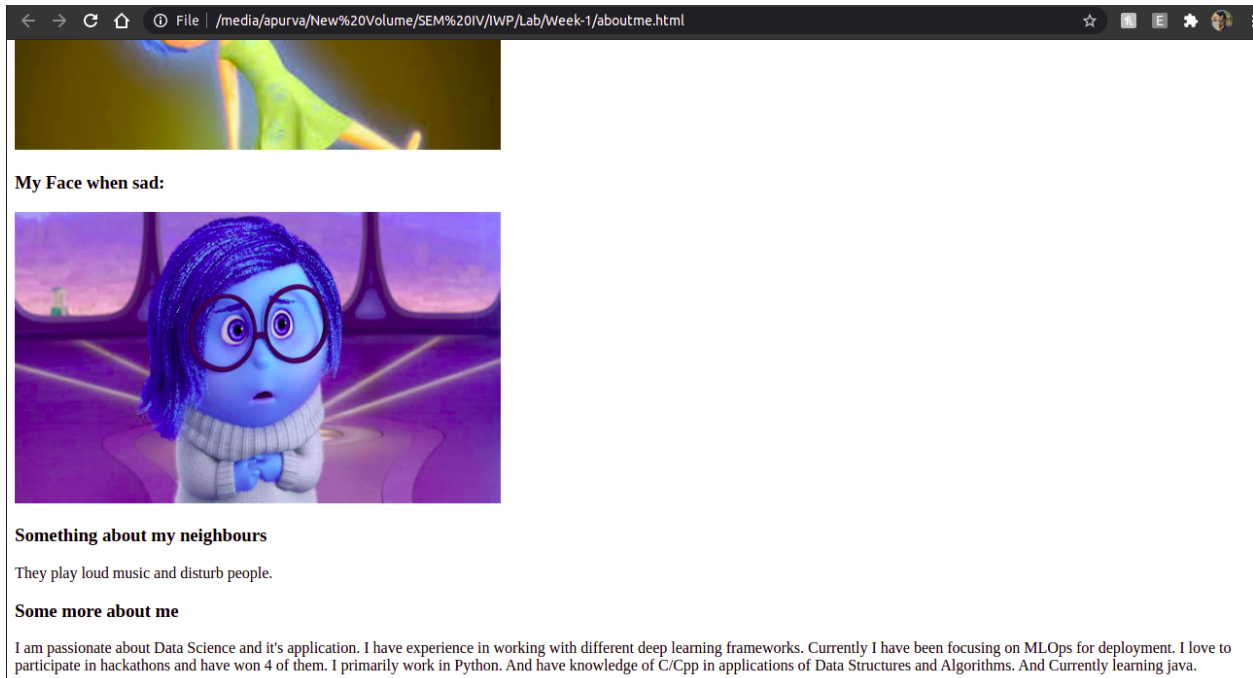
</p>

</body>

</html>

## OUTPUT Screenshot:





### 3) Solution:

#### HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Unalphabetized list</h1>

  Apurva<sub>3</sub>
  <br />
  Roger<sub>5</sub>
  <br />
  Dev<sub>6</sub>
  <br />
```

```
Sejal<sub>7</sub>
<br />
Ishika<sub>10</sub>
<br />
Anjali<sub>8</sub>
<br />
Alka<sub>9</sub>
<br />
Harsh<sub>4</sub>
<br />
Arjun<sub>1</sub>
<br />
Muskan<sub>2</sub>

<h1>Alphabetized list</h1>
Andy
<br />
Anna
<br />
Bill
<br />
Jane
<br />
Roger
<br />
Sandra
<br />
Stacy
<br />
Thomas
<br />
Wendy
<br />
William

<br>
<p>Unordered list</p>
<ul>
    <li>Chocolate Cake</li>
    <li>Black Forest Cake</li>
```



```
<li>Pineapple Cake</li>
</ul>
<br>
<p>Ordered list</p>
<ol>
  <li>Fasten your seatbelt</li>
  <li>Starts the car's engine</li>
  <li>Look around and go</li>
</ol>
<br>
<ol type="i">
  <li value="7">seventh item</li>
  <li>eighth item</li>
  <li>ninth item</li>
</ol>
<br>
<br>

<address>
  B-104 Jainam Heights<br />
  1234 Anim Street<br />
  Raipur, CG India 493203
</address>

  <br /><br />

<center>
<address>
  Ishika Gupta<br />
  5555 Street Avenue<br />
  Korba CG India 492013
</address>
</center>

<br>
<br>
<br>


<abbr title="Abstract">Abstr.</abbr>
<br /><br />
```

```
<abbr title="Computer science">CS.</abbr>
<br /><br />
<abbr title="Database management">DBMS</abbr>
<br /><br />
<abbr title="operating system">OS</abbr>
<br /><br />
<abbr title="Mathematics">Math.</abbr>
<br /><br />

<acronym title="World Wide Web Consortium">W3C</acronym>
<br /><br />
<acronym title="Institute of Electrical
and Electronic Engineers">IEEE</acronym>
<br /><br />
<acronym title="International Standards Organization">
ISO
</acronym>
<br /><br />
<acronym title="Hyper Text Markup Language">HTML</acronym>
<br /><br />
<acronym title="Beginners All Purpose
Symbolic Instruction Code">BASIC
</acronym>

</body>
</html>
```

**Screenshot:**

 File | /media/apurva/New%20Volume/SEM%20IV/IWP/Lab/IWP-CSE3002/Lab-DA-1/Q3/index.html

## Unalphabetized list

Apurva<sub>3</sub>  
Roger<sub>5</sub>  
Dev<sub>6</sub>  
Sejal<sub>7</sub>  
Ishika<sub>10</sub>  
Anjali<sub>8</sub>  
Alka<sub>9</sub>  
Harsh<sub>4</sub>  
Arjun<sub>1</sub>  
Muskan<sub>2</sub>

## Alphabetized list

Andy  
Anna  
Bill  
Jane  
Roger  
Sandra  
Stacy  
Thomas  
Wendy  
William

Unordered list

- Chocolate Cake
- Black Forest Cake
- Pineapple Cake

Ordered list

- 1. Fasten your seatbelt
- 2. Starts the car's engine
- 3. Look around and go

- vii. seventh item
- viii. eighth item
- ix. ninth item

*B-104 Jainam Heights*  
*1234 Anim Street*  
*Raipur, CG India 493203*

*Ishika Gupta*  
*5555 Street Avenue*  
*Korba CG India 492013*

Abstr.

C.S.

DBMS

OS

Math.

W3C

----

- vii. seventh item
- viii. eighth item
- ix. ninth item

*B-104 Jainam Heights*  
*1234 Anim Street*  
*Raipur, CG India 493203*

*Ishika Gupta*  
*5555 Street Avenue*  
*Korba CG India 492013*

Abstr.

C.S.

DBMS

OS

Math.

W3C

IEEE

ISO

HTML

BASIC

4)

Solution:

HTML Code:

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Table Exercise 2</title>
  </head>
  <body>
    <table border="2">
      <tr>
        <th align="center" colspan="4">Purchased Equipments (June,
2006)</th>
      </tr>
      <tr>
        <th rowspan="2">Item Name</th>
        <th rowspan="2">Item Price</th>
        <th>Item Description</th>
        <th>Price</th>
      </tr>
      <tr>
        <th>Shipping, Handling, Installation, etc</th>
        <th>Expense</th>
      </tr>
      <tr>
        <td rowspan="2">1.</td>
        <td rowspan="2" align="center">
          
        </td>
      </tr>
    </table>
  </body>
</html>

```



```

        </td>
        <td>IBM Clone Computer</td>
        <td>$ 400.00</td>
    </tr>
    <tr>
        <td>Shipping, Handling, Installation, etc</td>
        <td>$ 20.00</td>
    </tr>
    <tr>
        <td rowspan="2">2.</td>
        <td rowspan="2" align="center">
            
        </td>
        <td>1 GB RAM Module for Computer</td>
        <td>$ 50.00</td>
    </tr>
    <tr>
        <td>Shipping, Handling, Installation, etc</td>
        <td>$ 14.00</td>
    </tr>
    <tr>
        <th align="center" colspan="4">Purchased Equipments (June,
2006)</th>
    </tr>
</table>
</body>
</html>

```

**Output Screenshot:**

← → ↻ 🏠 ⓘ File | /media/apurva/New%20Volume/SEM%20IV/IWP/Lab/Week-1/Week-1-Q2.html

Purchased Equipments (June, 2006)			
Item Name	Item Price	Item Description	Price
		Shipping, Handling, Installation, etc	Expense
1.		IBM Clone Computer	\$ 400.00
		Shipping, Handling, Installation, etc	\$ 20.00
2.		1 GB RAM Module for Computer	\$ 50.00
		Shipping, Handling, Installation, etc	\$ 14.00
Purchased Equipments (June, 2006)			

5)

Solution:

HTML CODE:

```

<!DOCTYPE html>
<html>
<head>
  <title>Form Making</title>
  <style>
    td {
      padding: 5px;
    }
    table {
      border: 1px solid black;
    }
  </style>
</head>
<body>
  <table align="center">
    <tr>
      <td colspan="2" style="background-color: grey" ><p align="right"
style="margin-right:20px;"><b>The World of Fruit</b></p></td>
    </tr>
    <form action="">
    <tr>

```

```

        <td colspan="2">
            <p align="right" style="margin-right:20px;"><b>Fruit Survey</b></p>
        </td>
    </tr>
    <tr>
        <td><label for="fname"><p align="right">Name</p></label></td>
        <td><input type="text" id="fname" name="fname"
style="margin-right:100px;"></td>
    </tr>
    <tr>
        <td><label for="address"><p align="right">Address</label></p></td>
        <td><input type="text" id="address" name="address"
style="margin-right:100px;"></td>
    </tr>
    <tr>
        <td><label for="email"><p align="right">Email</label></p></td>
        <td><input type="email" id="email" name="email"
style="margin-right:100px;"></td>
    </tr>
    <tr>
        <td rowspan="5" valign="top" align="right" width="250">How many pieces of
fruit <br>do you eat per day?</td>
    </tr>
    <tr>
        <td>
            <input type="radio" id="num1" name="fruit">
            <label for="num1">0</label>
        </td>
    </tr>
    <tr>
        <td>
            <input type="radio" id="num2" name="fruit">
            <label for="num2">1</label>
        </td>
    </tr>
    <tr>
        <td>
            <input type="radio" id="num3" name="fruit">
            <label for="num3">2</label>

```



```

        </td>
    </tr>
    <tr>
        <td>
            <input type="radio" id="num4" name="fruit">
            <label for="num3">More than 2</label>
        </td>
    </tr>
    <tr>
        <td valign="top" align="right">My favourite fruit</td>
        <td>
            <select id="fruits" name="fruits" size="4" multiple>
                <option value="apple">Apple</option>
                <option value="banana">Banana</option>
                <option value="plum">Plum</option>
                <option value="pomegranate">Pomegranate</option>
                <option value="mango">Mango</option>
                <option value="strawberry">Strawberry</option>
            </select>
        </td>
    </tr>
    <tr>
        <td valign="top" align="right">Would you like a <br>brochure?</td>
        <td><input type="checkbox" name="done"></td>
    </tr>
    <tr>
        <td colspan="2" align="center"><input type="submit"
value="Submit"></td></p>
    </tr>
</form>
</table>
</body>
</html>

```

**OUTPUT:**

Browser address bar: D:\SEM%20IV\IWP\Lab\IWP-CSE3002\Lab-DA-1\Q5\index.html

Navigation bar: Apps, MATLAB, ML, Gmail, VIT-Coursera, Slack, ML blog, K, CodeSignal, VIT-Mail, CC, LinkedIn, K, CodessC

### The World of Fruit

#### Fruit Survey

Name

Address

Email

How many pieces of fruit do you eat per day?

☐ 0

☐ 1

☐ 2

☐ More than 2

My favourite fruit

Apple

Banana

Plum

Pomegranate

Would you like a brochure? ☐

6)

Solution:

HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="styleme.css">
  <title>Document</title>
</head>
<body>
  <h1>
    Apurva Sharma
  </h1>
  <h2>
    B-104 Jainam Heights, Lalpur, Raipur, Chhattisgarh
  </h2>
```

```
<main>
  <p>
    I'm Apurva Sharma. I'm currently a <strong>sophomore</strong>
pursuing my B.Tech Degree from VIT, Vellore.
    A passionate learner and actively looking for internship opportunity
and collaborations with
    Tech Societies. <strong>Skilled in Python (Programming Language),
Data Structures, Data Science, C (Programming Language),
    and Machine Learning. </strong>
  </p>
  <h3>The list of courses I've opt for, this semester: </strong></h3>
  <ul>
    <li>Internet and Web Programming</li>
    <li>Content Based Image and Video Retrieval</li>
    <li>Software Engineering</li>
    <li>Java Programming</li>
    <li>Networks and Communications</li>
  </ul>
  <h3>Three favourite TV Shows/Movie </strong></h3>
  <ol>
    <li>Breaking Bad</li>
    <li>Two and a half men: <a
href="https://timesofindia.indiatimes.com/tv/news/english//photostory/49274369.cm
s">Interesting Facts about the show</a></li>
    <li>Shutter Island</li>
  </ol>
  <h3>My Face when Happy:</h3>
  

  <h3>My Face when sad:</h3>
  

  <h3>Something about my neighbours</h3>

  <p>They play loud music and disturb people. </p>

  <h3>Some more about me</h3>
  <p> I am passionate about Data Science and it's application. I have
experience in working with different deep learning frameworks.
```

Currently I have been focusing on MLOps for deployment. I love to participate in hackathons and have won 4 of them. I primarily work in Python.

And have knowledge of C/Cpp in applications of Data Structures and Algorithms. And Currently learning java.

```
</p>
</main>
</body>
</html>
```

## styleme.css

```
h1 {
  font-family: Arial, Helvetica, sans-serif;
  text-align: center;
}

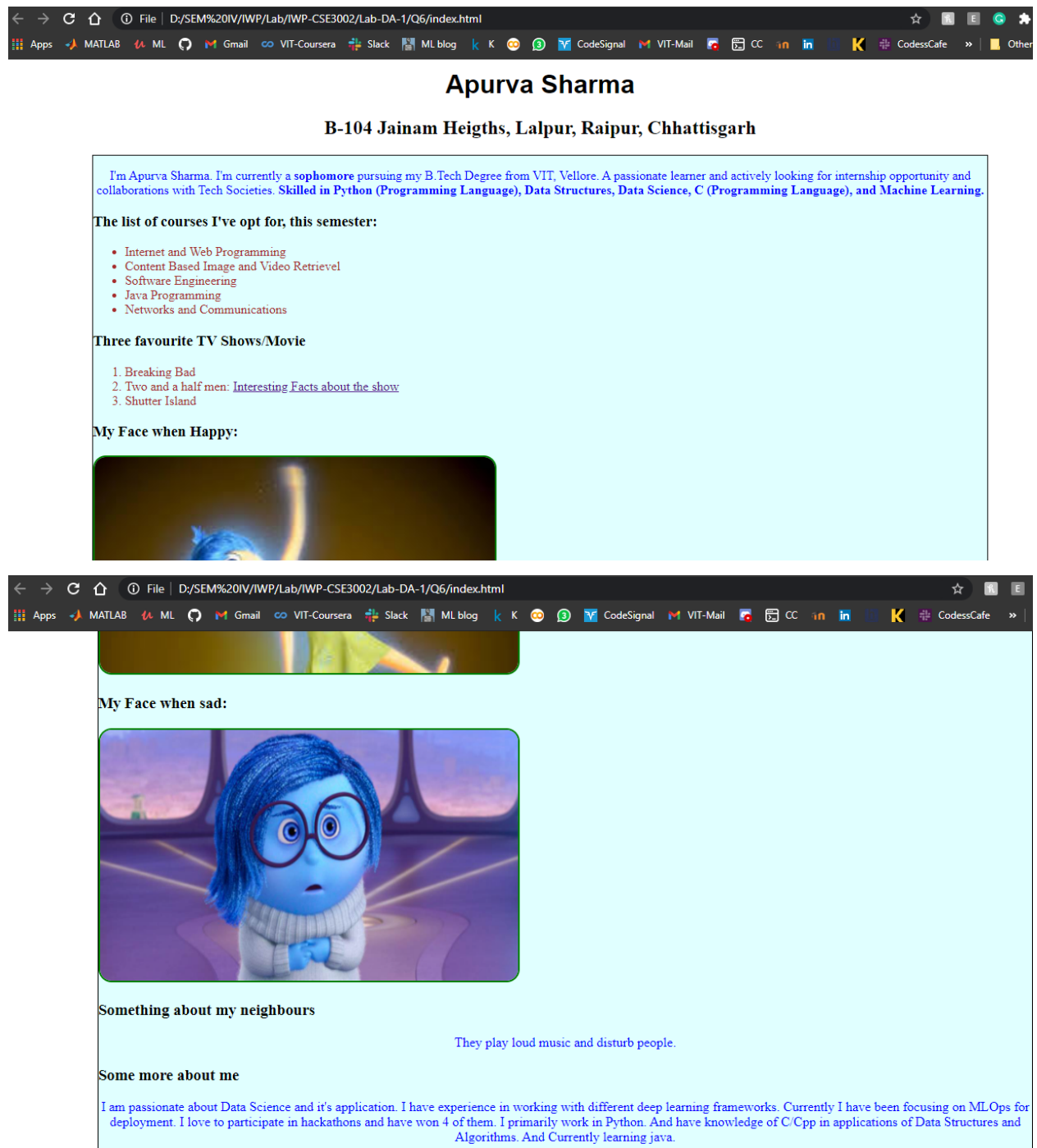
h2 {
  text-align: center;
}

p {
  font-family: "Times New Roman", Times, serif;
  color: blue;
  text-align: center;
}

li {
  color: brown;
}

main {
  background-color: lightcyan;
  border: 1px solid black;
  margin: 0 8%;
}

main img {
  border: 2px solid green;
  border-radius: 1em;
}
```

**OUTPUT:**

7)

**Solution:****HTML CODE:**

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Basic CSS</title>
  </head>
  <link rel="stylesheet" href="style.css" />
  <body>
    <div class="wrapper">
      <h1>Wall - E</h1>
      <h2>Walt Disney Studio Motion Pictures | Release Date: June 27,
2008</h2>
      <nav>
        <ul>
          <li>Summary</li>
          <li>Critic Reviews</li>
          <li>User Reviews</li>
          <li>Details and Credits</li>
          <li>Trailers and Videos</li>
        </ul>
      </nav>
      <main>
        <div class="mov-score">
          
          <div id="score">94</div>
          <div class="mov-details">
            <h3>Metascore</h3>
            <h3>Universal acclaim based on 39 critics</h3>
            <ul>
              <li>Stars: Ben Burtt, Elissa Knight, Jeff Garlin</li>
              <li>
```

```
Summary: After hundreds of years doing what he was built
for,
WALL•E discovers a new purpose in life when he meets a
sleek
search robot named EVE
</li>
</ul>
</div>
</div>
</main>
</div>
</body>
</html>
```

## CSS Code:

```
body {
  background-color: gray;
}

.wrapper {
  margin: 20px 10%;
  padding: 0.5em;
  background-color: white;
}

.wrapper h1 {
  text-align: center;
}

nav ul {
  list-style-type: none;
  padding-inline-start: 10px;
}

nav ul li {
  padding: 5px 20px;
  margin-right: 3px;
  display: inline;
  background-color: black;
```

```
color: white;
}

main .mov-score {
  display: flex;
  /* width: 50%; */
}

#score {
  /* width: 50%; */
  height: 100%;
  margin: 5px;
  padding: 20px;
  font-size: 30pt;
  background-color: green;
  color: white;
}
```

## Output Screenshot:



8)

**Solution:**



## HTML Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="style.css" />
    <title>Presentation Layout</title>
  </head>
  <body>
    <div class="top-box"><h1>Presentation Layout</h1></div>
    <div class="nav-box">
      <ul>
        <li>
          <a
            href="https://en.wikipedia.org/wiki/Dynamic_HTML"
            title="Dynamic HTML"
          >Dynamic HTML</a>
        </li>
        <li>
          <a
            href="https://en.wikipedia.org/wiki/HTML_element"
            title="HTML element"
          >HTML element</a>
        </li>
        <li>
          <a
            href="https://en.wikipedia.org/wiki/Span_and_div"
            title="Span and div"
          >span and div</a>
        </li>
      </ul>
    </div>
  </body>
</html>
```

```
        href="https://en.wikipedia.org/wiki/HTML_attribute"
        title="HTML attribute"
    >HTML attribute</a
    >
</li>
<li>
    <a
        href="https://en.wikipedia.org/wiki/Framing_(World_Wide_Web)"
        class="mw-redirect"
        title="Framing (World Wide Web)"
    >HTML frame</a
    >
</li>
<li>
    <a
        href="https://en.wikipedia.org/wiki/Browser_Object_Model"
        title="Browser Object Model"
    >Browser Object Model</a
    >
</li>
<li>
    <a
href="https://en.wikipedia.org/wiki/Style_sheet_(web_development)"
        title="Style sheet (web development)"
    >Style sheets</a
    >
    <ul>
        <li>
            <a
                href="https://en.wikipedia.org/wiki/Cascading_Style_Sheets"
                class="mw-redirect"
                title="Cascading Style Sheets"
            >CSS</a
            >
        </li>
    </ul>
</li>
<li>
    <a
```

```
        href="https://en.wikipedia.org/wiki/Font_family_(HTML)"
        title="Font family (HTML)"
    >Font family</a>
    >
</li>
<li>
    <a href="https://en.wikipedia.org/wiki/Web_colors" title="Web
colors"
    >Web colors</a>
    >
</li>
<li>
    <a
        href="https://en.wikipedia.org/wiki/HTML_scripting"
        title="HTML scripting"
    >HTML scripting</a>
    >
</li>
<li>
    <a href="https://en.wikipedia.org/wiki/JavaScript"
title="JavaScript"
    >JavaScript</a>
    >
    <ul>
        <li>
            <a href="https://en.wikipedia.org/wiki/WebGL" title="WebGL"
            >WebGL</a>
            >
        </li>
        <li>
            <a href="https://en.wikipedia.org/wiki/WebCL" title="WebCL"
            >WebCL</a>
            >
        </li>
    </ul>
</li>
<li>
    <a
        href="https://en.wikipedia.org/wiki/World_Wide_Web_Consortium"
        title="World Wide Web Consortium"
```

```
        >W3C</a>
    >
    <ul>
        <li>
            <a
href="https://en.wikipedia.org/wiki/W3C_Markup_Validation_Service"
        title="W3C Markup Validation Service"
        >Validator</a>
            >
        </li>
    </ul>
</li>
<li>
    <a href="https://en.wikipedia.org/wiki/WHATWG" title="WHATWG"
    >WHATWG</a>
    >
</li>
<li>
    <a
        href="https://en.wikipedia.org/wiki/Quirks_mode"
        title="Quirks mode"
        >Quirks mode</a>
    >
</li>
<li>
    <a
        href="https://en.wikipedia.org/wiki/Web_storage"
        title="Web storage"
        >Web storage</a>
    >
</li>
<li>
    <a
        href="https://en.wikipedia.org/wiki/Browser_engine"
        title="Browser engine"
        >Rendering engine</a>
    >
</li>
</ul>
```

```

</div>
<div class="content">
  <p>
    CSS is designed to enable the separation of presentation and
content,
    including
    <a href="https://en.wikipedia.org/wiki/Page_layout" title="Page
layout"
      >layout</a>
    >,
    <a href="https://en.wikipedia.org/wiki/Color"
title="Color">colors</a>,
    and
    <a href="https://en.wikipedia.org/wiki/Typeface" title="Typeface"
      >fonts</a>
  >.<sup id="cite_ref-3" class="reference"
    ><a href="#cite_note-3">[3]</a></sup>
  >
  This separation can improve content
  <a
    href="https://en.wikipedia.org/wiki/Accessibility"
    title="Accessibility"
    >accessibility</a>
  >, provide more flexibility and control in the specification of
presentation characteristics, enable multiple
  <a href="https://en.wikipedia.org/wiki/Web_page" title="Web page"
    >web pages</a>
  >
  to share formatting by specifying the relevant CSS in a separate
.css
  file which reduces complexity and repetition in the structural
content
  as well as enabling the .css file to be
  <a
    href="https://en.wikipedia.org/wiki/Cache_(computing)"
    title="Cache (computing)"
    >cached</a>
  >
  to improve the page load speed between the pages that share the
file and

```

```

    its formatting.
  </p>
  <p>
    Separation of formatting and content also makes it feasible to
present
    the same markup page in different styles for different rendering
    methods, such as on-screen, in print, by voice (via speech-based
browser
    or
    <a
      href="https://en.wikipedia.org/wiki/Screen_reader"
      title="Screen reader"
    >screen reader</a
  >), and on
  <a
    href="https://en.wikipedia.org/wiki/Braille_display"
    class="mw-redirect"
    title="Braille display"
  >Braille-based</a
  >
  tactile devices. CSS also has rules for alternate formatting if the
  content is accessed on a
  <a
    href="https://en.wikipedia.org/wiki/Mobile_device"
    title="Mobile device"
  >mobile device</a
  >.<sup id="cite_ref-4" class="reference"
    ><a href="#cite_note-4">[4]</a></sup
  >
  </p>
  <p>
    The name <i>cascading</i> comes from the specified priority scheme
to
    determine which style rule applies if more than one rule matches a
    particular element. This cascading priority scheme is predictable.
  </p>
  <p>
    The CSS specifications are maintained by the
    <a
      href="https://en.wikipedia.org/wiki/World_Wide_Web_Consortium"

```

```

        title="World Wide Web Consortium"
    >World Wide Web Consortium</a>
>
(W3C). Internet media type (<a
    href="https://en.wikipedia.org/wiki/MIME_media_type"
    class="mw-redirect"
    title="MIME media type"
    >MIME type</a>
>) <code>text/css</code> is registered for use with CSS by
<a
    class="external mw-magiclink-rfc"
    rel="nofollow"
    href="https://tools.ietf.org/html/rfc2318"
    >RFC 2318</a>
>
(March 1998). The W3C operates a free
<a
href="https://en.wikipedia.org/wiki/W3C_Markup_Validation_Service#CSS_validation"
    title="W3C Markup Validation Service"
    >CSS validation service</a>
>
for CSS documents.<sup id="cite_ref-5" class="reference"
    ><a href="#cite_note-5">[5]</a></sup>
>
</p>
<p>
    In addition to HTML, other markup languages support the use of CSS
    including
    <a href="https://en.wikipedia.org/wiki/XHTML"
title="XHTML">XHTML</a>,
    <a
        href="https://en.wikipedia.org/wiki/Plain_Old_XML"
        title="Plain Old XML"
        >plain XML</a>
    >,
    <a
        href="https://en.wikipedia.org/wiki/Scalable_Vector_Graphics"
        title="Scalable Vector Graphics"

```

```
        >SVG</a>
    >, and <a href="https://en.wikipedia.org/wiki/XUL"
title="XUL">XUL</a>.
    </p>
</div>
</body>
</html>
```

## CSS code:

```
* {
margin: 0;
padding: 0;
box-sizing: border-box;
}

.top-box {
padding: 0.5em 0;
margin: 0.5em;
background-image: url(https://i.stack.imgur.com/fhEwl.png);
background-position: center;
background-repeat: no-repeat;
background-size: cover;
text-align: center;
}

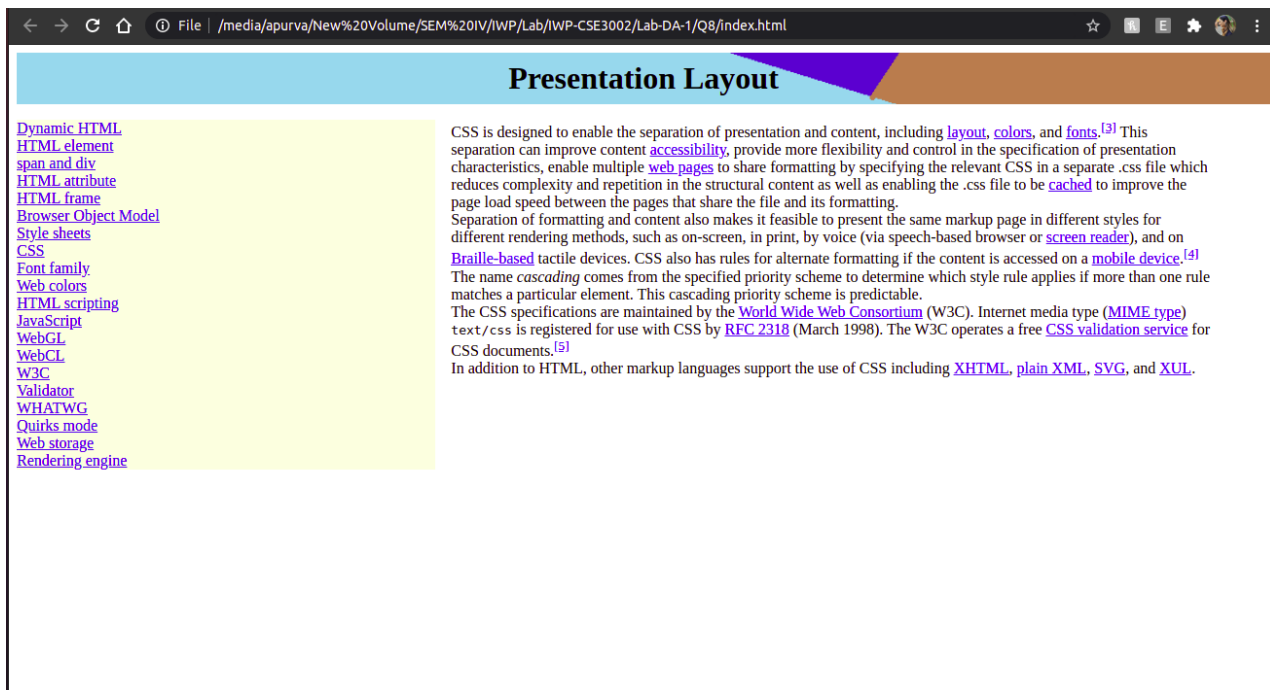
.nav-box {
margin: 0.5em;
float: left;
min-width: 12em;
width: 33%;
background-color: #ffffe0;
transition: cubic-bezier(0.215, 0.61, 0.355, 1);
}

a:hover {
color: #862413;
}
```



```
.content {
margin: 0.5em;
float: left;
width: 60%;
}
```

## Output Screenshot :



9)

**Solution:**

**HTML CODE:**

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Multimedia: Image and Video</title>
```

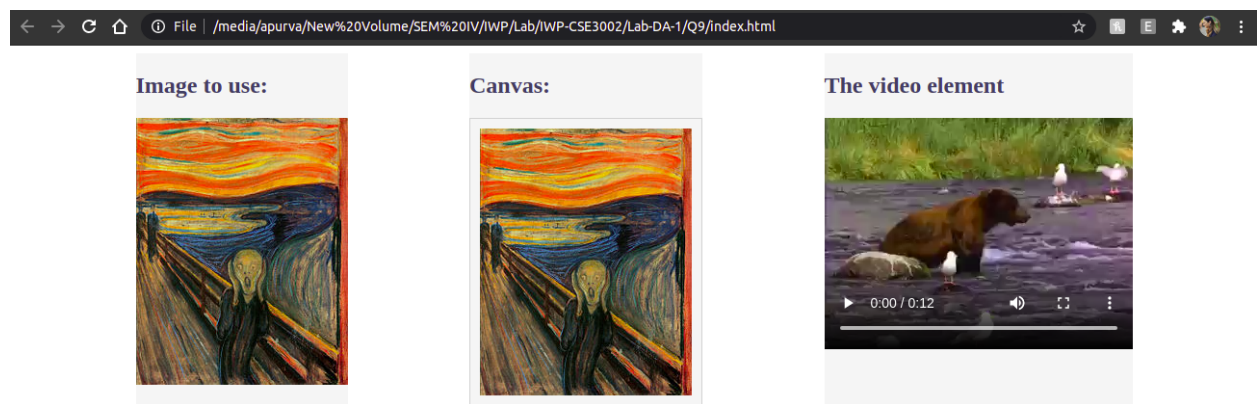
```
</head>
<style>
  main {
    display: flex;
    align-items: stretch;
    justify-content: space-evenly;
    flex-flow: row wrap;
  }
  main div {
    background-color: whitesmoke;
  }
  main div h2 {
    color: rgb(63, 71, 97);
  }
</style>
<body>
  <main>
    <div>
      <h2>Image to use:</h2>
      
    </div>
    <div>
      <h2>Canvas:</h2>
      <canvas
        id="myCanvas"
        width="240"
        height="297"
        style="border: 1px solid #d3d3d3"
      >
        Your browser does not support the HTML5 canvas tag.
      </canvas>
    </div>
    <div>
      <h2>The video element</h2>
```

```

<video width="320" height="240" controls>
  <source src="movie.mp4" type="video/mp4" />
  <source src="movie.ogg" type="video/ogg" />
  Your browser does not support the video tag.
</video>
</div>
</main>
</body>
<script>
  window.onload = function () {
    var canvas = document.getElementById("myCanvas");
    var ctx = canvas.getContext("2d");
    var img = document.getElementById("scream");
    ctx.drawImage(img, 10, 10);
  };
</script>
</html>

```

## Output Screenshot:



10)

**Solution :**

**HTML Code:**

```
<!DOCTYPE html>
```

```
<html>
<head>
  <title>Newspaper</title>
  <link rel="stylesheet" type="text/css" href="styles1.css">
</head>
<body>
  <div class="Newspaper">
    <h1>Self control is the key to success</h1>
    <h2>If you are able to achieve self control,you have one half of the
battle....</h2>
    Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean maximus
elit vitae mattis gravida.
    Duis tincidunt diam sed eros dignissim, eu accumsan ligula eleifend.
Phasellus elementum, libero
    eget dignissim ultricies, velit lacus consectetur risus, at iaculis
justo turpis a nisi. Nullam ac
    pharetra ligula, a tincidunt ligula. Sed sit amet tortor lacinia nisl
hendrerit dignissim. Morbi
    mattis blandit lorem condimentum lacinia. Donec ut metus odio.
Praesent posuere porta libero.
    Aenean tempor pretium quam, dictum faucibus est vestibulum sed. Nulla
nec interdum mauris.
    Vestibulum imperdiet nisi at pulvinar mattis. Suspendisse potenti.
Duis bibendum bibendum
    <br/>
    <div class="photo">
      <p>Principal Pen</p></div>
    hendrerit. Aenean cursus, lorem non elementum rutrum, tortor justo
auctor libero, vel dignissim dui dolor vitae
    metus. Fusce aliquet lacinia nisi ut pretium. Curabitur lacus
libero, hendrerit vitae pretium ac,
    vulputate in ligula. Etiam pellentesque accumsan consectetur.
    Donec facilisis rutrum suscipit. Etiam vestibulum molestie dolor, vel
ultricies eros consectetur vel.
    Proin placerat tempor purus. Praesent pretium, quam eu ornare
bibendum, tortor augue tincidunt metus,
```

```
id consecetur leo quam non massa. Proin cursus elit ipsum, in
suscipit justo egestas nec. Sed et dolor
    ex. Aliquam a enim quis lectus consequat maximus. Mauris viverra
    venenatis iaculis. Curabitur quis arcu
        in tortor hendrerit euismod at id lacus. Quisque vel tellus turpis.
        Fusce et egestas sapien. Suspendisse in porta metus. In porta, ex ut
    aliquam mattis, magna nisi ultricies
        diam, nec posuere neque leo in tortor. Donec placerat nisl ac
    interdum placerat. Nulla in aliquet sapien,
        auctor luctus justo. Vivamus lacinia risus quis nisi posuere
        euismod. Nam in imperdiet dolor. Maecenas
        posuere at metus mollis maximus. Ut non auctor nisi.
        Morbi vehicula in lorem vel convallis. Phasellus vel leo neque.
    <div class="bluebox">Social evils are <br> increasing day by day in
<br> the present day world. Do <br> you know the reason ?
        It <br> is because of a lack of <br> self control.</div>
    Praesent porta nulla a porttitor rutrum.

    Curabitur a pulvinar metus, non egestas quam. Integer posuere risus
ac lorem varius, in efficitur nisi
    tempus. Interdum et malesuada fames ac ante ipsum primis in faucibus.
    Nunc ac risus felis. Integer
    faucibus viverra velit at dapibus. Pellentesque rhoncus faucibus
ipsum ut gravida. Pellentesque
    molestie porttitor orci, at rutrum leo vehicula sit amet. Duis eu
eleifend magna.
    Donec congue
    turpis ut ipsum blandit, ut faucibus nisl gravida. Nullam efficitur
dictum mauris, nec pellentesque
    augue semper accumsan. Sed felis ante, convallis ac laoreet eget,
ullamcorper nec neque.
    </div>

</body>
</html>
```

## CSS Code:

```
.Newspaper{
    column-count: 4;
    height:50%;
}
h1 ,h2{
    column-span: all;
}
.photo p{

    width: 98%;
    margin: 0;
    color: white;
    background-color: red;
    padding: 3px;
    text-align: center;
    font-weight: bold;
}
.bluebox{
    background-color: lightskyblue;
    border: 1px solid black;
    font-weight: bold;
    font-size: 15px;
}
```

## Output:



### Self control is the key to success

If you are able to achieve self control,you have one half of the battle....

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean maximus elit vitae mattis gravida. Duis tincidunt diam sed eros dignissim, eu accumsan ligula eleifend. Phasellus elementum, libero eget dignissim ultricies, velit lacus consectetur risus, at iaculis justo turpis a nisi. Nullam ac pharetra ligula, a tincidunt ligula. Sed sit amet tortor lacinia nisl hendrerit dignissim. Morbi mattis blandit lorem condimentum lacinia. Donec ut metus odio. Praesent posuere porta libero. Aenean tempor pretium quam, dictum faucibus est vestibulum sed. Nulla nec interdum mauris. Vestibulum imperdiet nisi at pulvinar mattis. Suspendisse potenti. Duis bibendum bibendum



Principal Pen

henderit. Aenean cursus, lorem non elementum rutrum, tortor justo auctor libero, vel dignissim dui dolor vitae metus. Fusce aliquet lacinia nisi ut pretium. Curabitur lacus libero, hendrerit vitae pretium ac, vulputate in ligula. Etiam pellentesque accumsan consectetur. Donec facilisis rutrum suscipit. Etiam vestibulum molestie dolor, vel

ultrices eros consectetur vel. Proin placerat tempor purus. Praesent pretium, quam eu ornare bibendum, tortor augue tincidunt metus, id consectetur leo quam non massa. Proin cursus elit ipsum, in suscipit justo egestas nec. Sed et dolor ex. Aliquam a enim quis lectus consequat maximus. Mauris viverra venenatis iaculis. Curabitur quis arcu in tortor hendrerit euismod at id lacus. Quisque vel tellus turpis. Fusce et egestas sapien. Suspendisse in porta metus. In porta, ex ut aliquam mattis, magna nisi ultricies diam, nec posuere neque leo in tortor. Donec placerat nisl ac interdum placerat. Nulla in aliquet sapien, auctor luctus justo. Vivamus lacinia risus quis nisi posuere euismod. Nam in imperdiet dolor. Maecenas posuere at metus mollis maximus. Ut non auctor nisi. Morbi vehicula in lorem vel convallis. Phasellus vel leo neque.

Social evils are increasing day by day in the present day world. Do you know the reason ? It is because of a lack of self control.

Praesent porta nulla a porttitor rutrum. Curabitur a pulvinar metus, non egestas quam. Integer posuere risus ac lorem varius, in efficitur nisi tempus. Interdum et malesuada fames ac ante ipsum primis in faucibus. Nunc ac risus felis. Integer faucibus viverra velit at dapibus. Pellentesque rhoncus faucibus ipsum ut gravida. Pellentesque molestie porttitor orci, at rutrum leo vehicula sit amet. Duis eu eleifend magna. Donec congue turpis ut ipsum blandit, ut faucibus nisl gravida. Nullam efficitur dictum mauris, nec pellentesque augue semper accumsan. Sed felis ante, convallis ac laoreet eget, ullamcorper nec neque.