



**VIT<sup>®</sup>**  
**UNIVERSITY**  
(Estd. u/s 3 of UGC Act 1956)

**School of Information Technology and Engineering**

**ITE1002 - Web Technologies - B.Tech**

**Lab Cycle Sheet - HTML AND CSS**

**17BIT0028**

**SIDDHI SINGH**

**1. Create a page aboutme.html that describes you. Include information such as:**

**i) Your name in the top of the page in large text and your address in smaller text.**

**ii) A description of you in  $\leq 2$  sentences. Emphasize important word(s) in bold.**

**iii) A list of classes you are taking right now with a simple description of each with interesting subjects in marvellous colours.**

**iv) Your 3 favourite movies, books, or TV shows, in order. Make at least one link to an interesting site about that TV show/movie/book**

**v) Two images that represent you when you're happy and sad.**

**vi) Something about one of your neighbours (people sitting next to you, make it interesting as well.**

**vii) Describe your skill level in programming languages.**

aboutme.html

```
<HTML>
<HEAD>
<H1 align="center"> NAME : SIDDHI SINGH </H1>
<H6 align="center"> ADDRESS : LADIES HOSTEL, VIT UNIVERSITY </H6>
</HEAD>
<BODY BGCOLOR="PINK">
<P><B>ABOUT ME : </B><BR><BR>
MY DATE OF BIRTH IS <B>15-04-1999</b>.<BR>
I WAS BORN AND BROUGHT UP IN <B>DELHI</B>.<BR><BR>
<B>MY COURSES</B>
<DL>
<DT>1. WEB TECHNOLOGIES</DT>
<dd> <FONT COLOR="red"> In this subject, we learn about web, its architecture and de-
velopment.</font> </dd>
<DT>2. COMPUTER ARCHITECTURE AND ORGANISATION</DT>
<dd> <FONT COLOR="blue"> In this subject, we learn about various architecture required
for development of a particular computer system.</font> </dd>
<DT>3. SOFTWARE ENGINEERING</DT>
<DD><FONT COLOR="green"> In this subject, we learn about various processes involved
in software development</font></dd>
<DT>4. OPERATING SYSTEMS</DT>
<dd> <FONT COLOR="magenta"> In this subject, we learn about various types of OS
available and their evolution, functioning.</font> </dd>
<DT>5. THEORY OF COMPUTATION</DT>
<dd> <FONT COLOR="orange"> In this subject, we learn fundamentals of Automata theo-
ry.</font> </dd>
</dl>
<b>FAVOURITE MOVIES : </B>
<UL TYPE = "CIRCLE">
<LI>3 IDIOTS</li>
<LI>JUSTICE LEAGUE</li>
<LI><a href="avengers.html">AVENGERS : INFINITY WAR</a></LI> </ul>
<br><B>HAPPY PICTURE</B><BR>
<IMG SRC=HAPPY.png><BR>
<br><B>SAD PICTURE</B><BR>
<IMG SRC=SAD.png><BR><br>
```

<br><B> MY NEIGHBOUR </B><br>

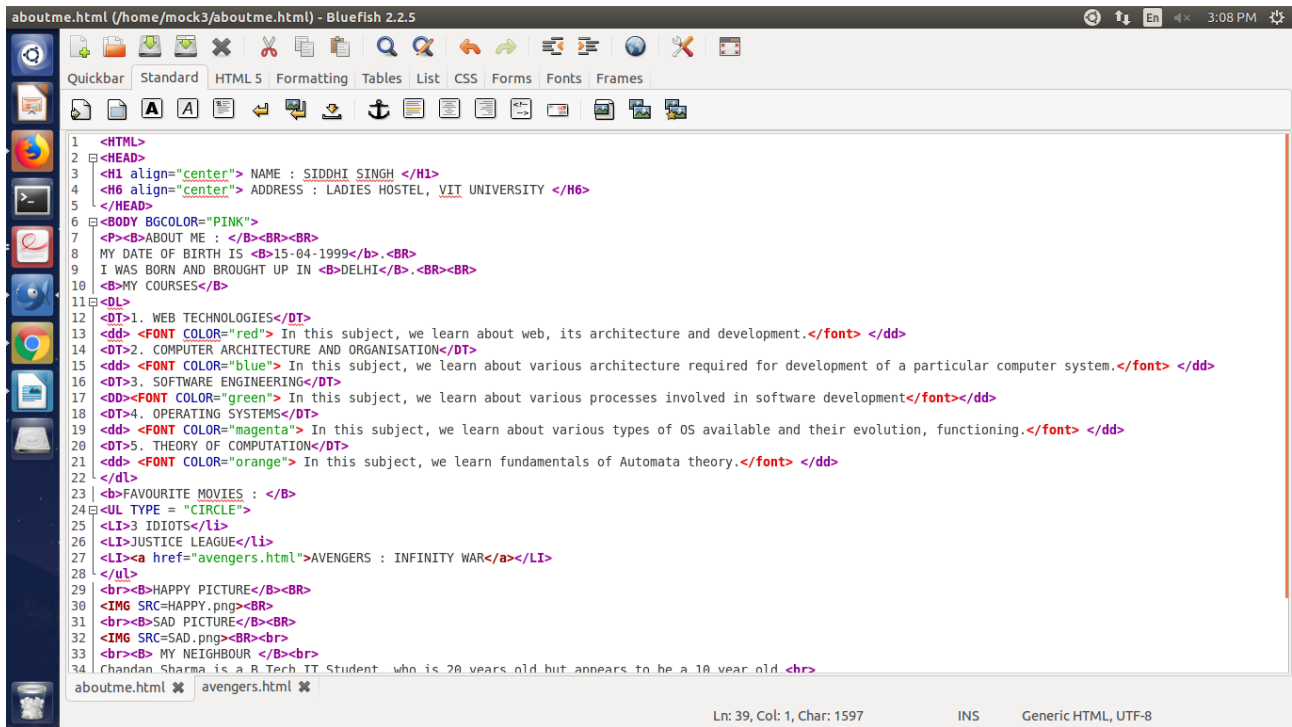
Chandan Sharma is a B.Tech IT Student, who is 20 years old but appears to be a 10 year old.<br>

<br> <b> ABOUT MY CODING SKILLS </b><BR>

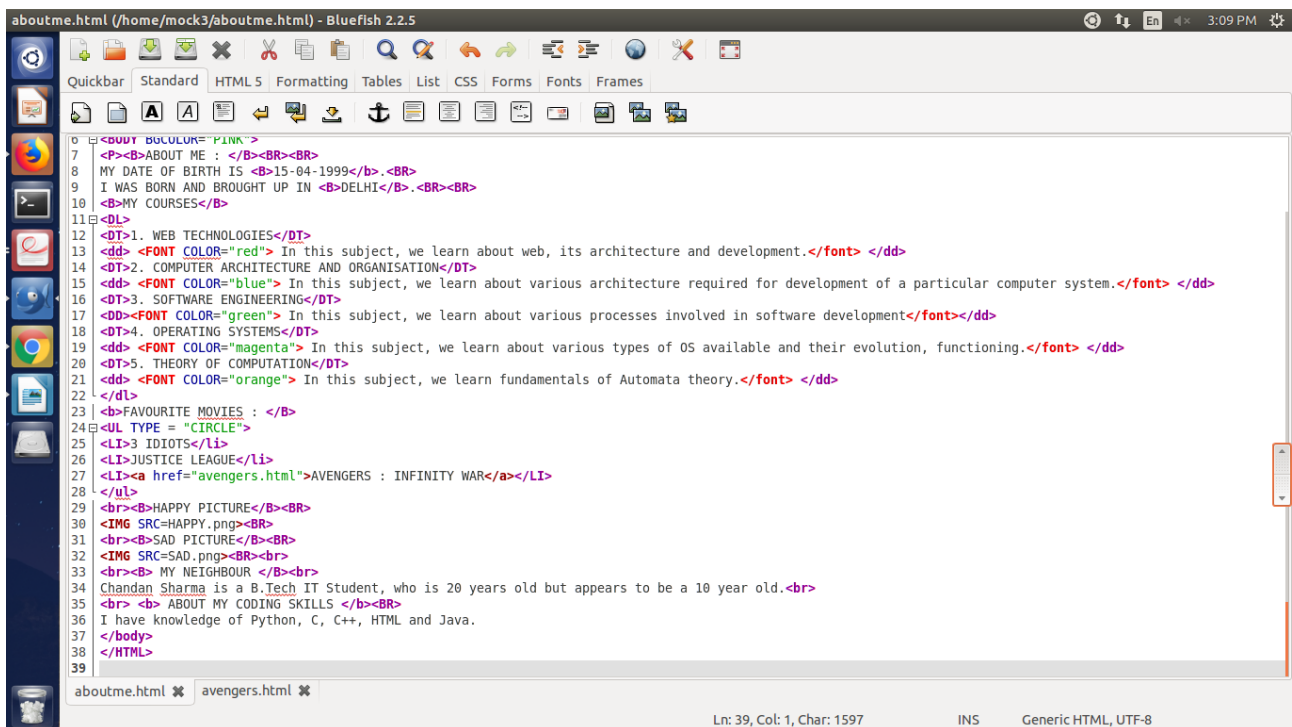
I have knowledge of Python, C, C++, HTML and Java.

</body>

</HTML>



```
1 <HTML>
2 <HEAD>
3 <H1 align="center"> NAME : SIDDHI SINGH </H1>
4 <H6 align="center"> ADDRESS : LADIES HOSTEL, VIT UNIVERSITY </H6>
5 </HEAD>
6 <BODY BGCOLOR="PINK">
7 <P><B>ABOUT ME : </B><BR><BR>
8 MY DATE OF BIRTH IS <B>15-04-1999</b>. <BR>
9 I WAS BORN AND BROUGHT UP IN <B>DELHI</B>. <BR><BR>
10 <B>MY COURSES</B>
11 <DL>
12 <DT>1. WEB TECHNOLOGIES</DT>
13 <DD> <FONT COLOR="red"> In this subject, we learn about web, its architecture and development.</font> </dd>
14 <DT>2. COMPUTER ARCHITECTURE AND ORGANISATION</DT>
15 <DD> <FONT COLOR="blue"> In this subject, we learn about various architecture required for development of a particular computer system.</font> </dd>
16 <DT>3. SOFTWARE ENGINEERING</DT>
17 <DD> <FONT COLOR="green"> In this subject, we learn about various processes involved in software development</font></dd>
18 <DT>4. OPERATING SYSTEMS</DT>
19 <DD> <FONT COLOR="magenta"> In this subject, we learn about various types of OS available and their evolution, functioning.</font> </dd>
20 <DT>5. THEORY OF COMPUTATION</DT>
21 <DD> <FONT COLOR="orange"> In this subject, we learn fundamentals of Automata theory.</font> </dd>
22 </dl>
23 <b>FAVOURITE MOVIES : </b>
24 <UL TYPE = "CIRCLE">
25 <LI>3 IDIOTS</li>
26 <LI>JUSTICE LEAGUE</li>
27 <LI><a href="avengers.html">AVENGERS : INFINITY WAR</a></LI>
28 </ul>
29 <br><B>HAPPY PICTURE</B><BR>
30 <IMG SRC=HAPPY.png><BR>
31 <br><B>SAD PICTURE</B><BR>
32 <IMG SRC=SAD.png><BR><br>
33 <br><B> MY NEIGHBOUR </B><br>
34 Chandan Sharma is a B.Tech IT Student, who is 20 years old but appears to be a 10 year old. <br>
aboutme.html avengers.html
```



```
23 <b>FAVOURITE MOVIES : </b>
24 <UL TYPE = "CIRCLE">
25 <LI>3 IDIOTS</li>
26 <LI>JUSTICE LEAGUE</li>
27 <LI><a href="avengers.html">AVENGERS : INFINITY WAR</a></LI>
28 </ul>
29 <br><B>HAPPY PICTURE</B><BR>
30 <IMG SRC=HAPPY.png><BR>
31 <br><B>SAD PICTURE</B><BR>
32 <IMG SRC=SAD.png><BR><br>
33 <br><B> MY NEIGHBOUR </B><br>
34 Chandan Sharma is a B.Tech IT Student, who is 20 years old but appears to be a 10 year old. <br>
35 <br> <b> ABOUT MY CODING SKILLS </b><BR>
36 I have knowledge of Python, C, C++, HTML and Java.
37 </body>
38 </HTML>
39
```

avengers.html

<HTML>

<HEAD>

<H1 align="center"> AVENGERS </H1>

<H6 align="center"> INFINITY WAR </H6>

</HEAD>

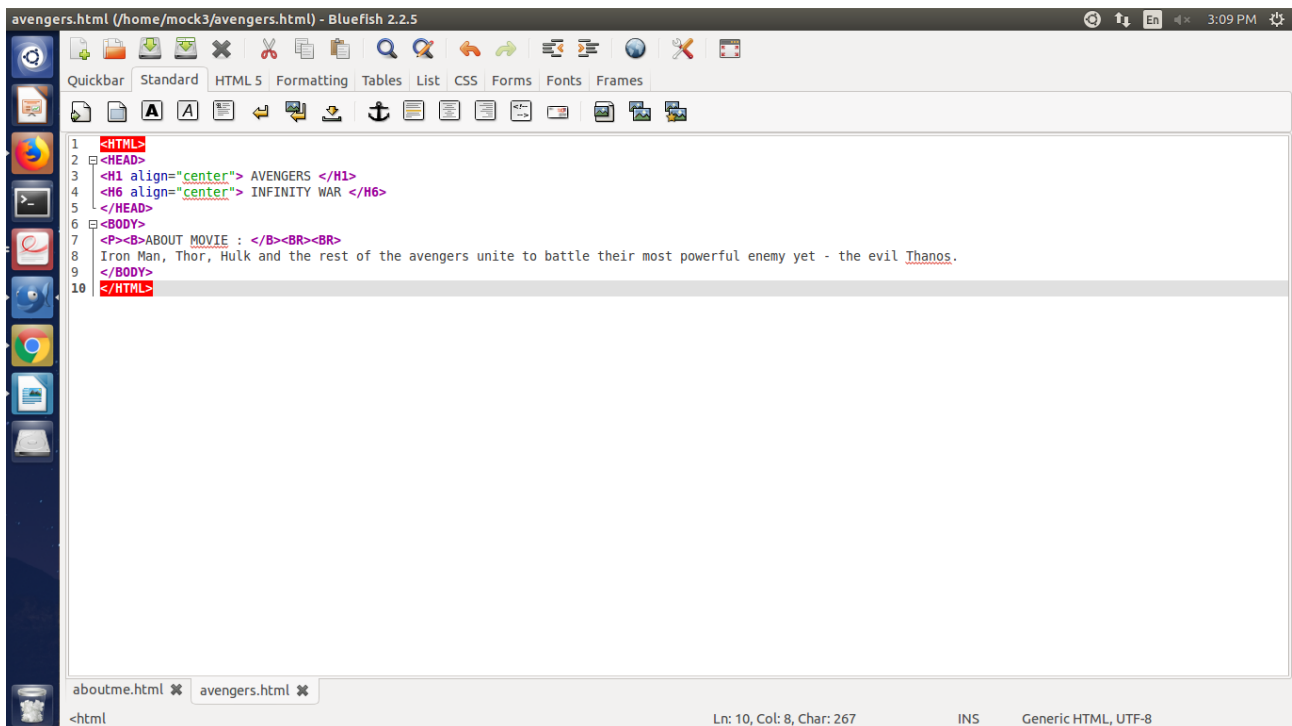
<BODY>

<P><B>ABOUT MOVIE : </B><BR><BR>

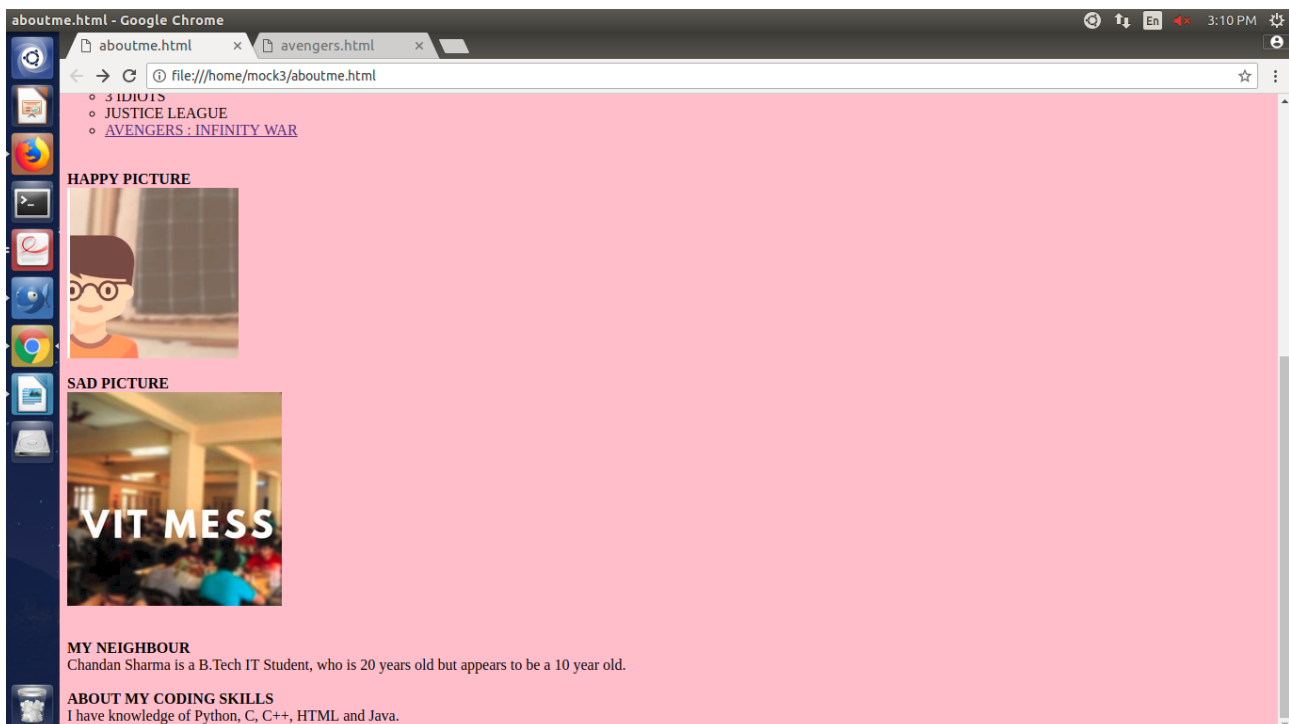
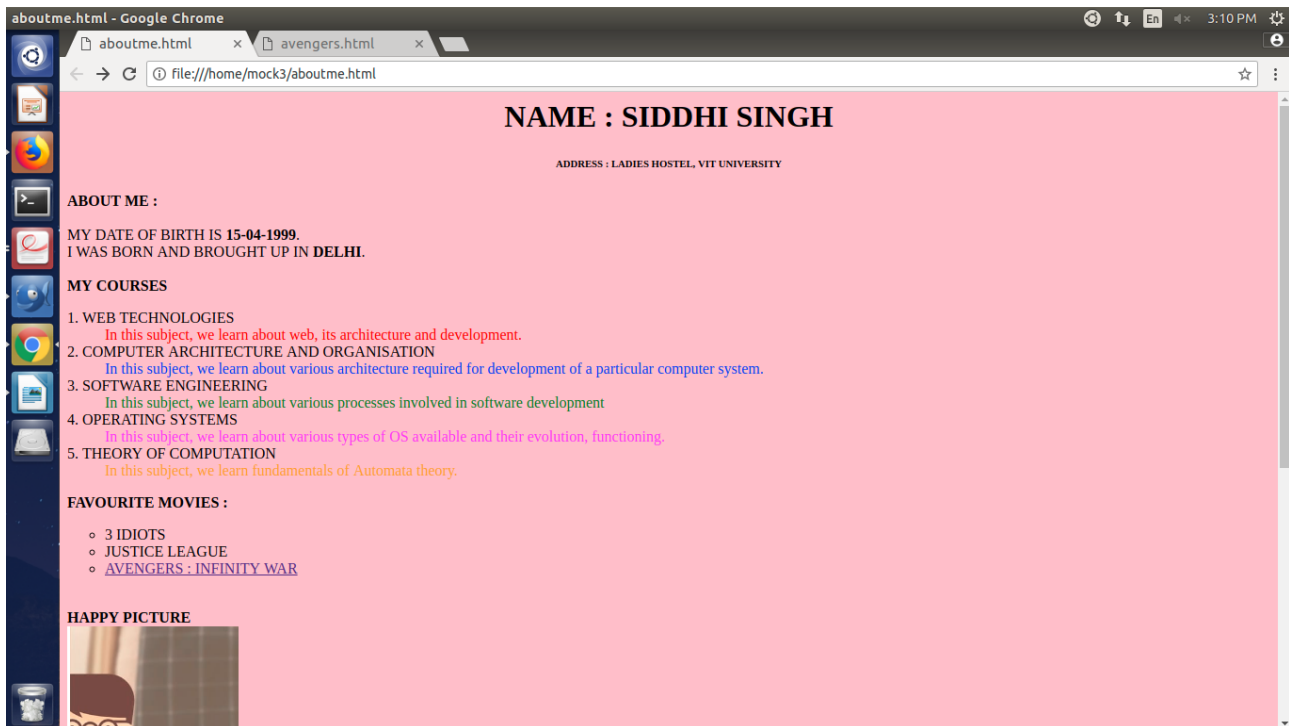
Iron Man, Thor, Hulk and the rest of the avengers unite to battle their most powerful enemy yet - the evil Thanos.

</BODY>

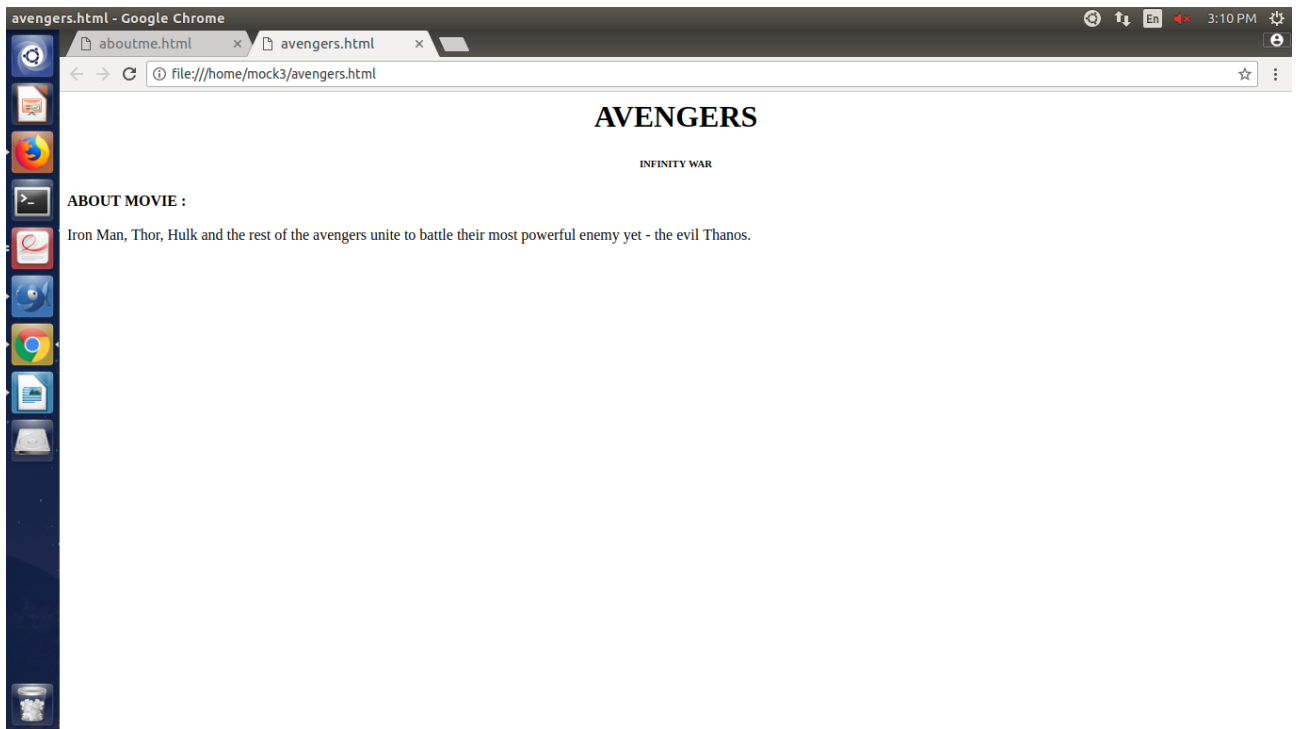
</HTML>



OUTPUT :



On clicking AVENGERS : INFINITY WAR, a new webpage opens.



## **2. Create a stylesheet named styleme.css to improve the appearance of your About Me page.**

- i) Change the color of at least two elements**
- ii) Change the font properties (family, size, weight, or style) of at least two elements.**

**Some standard fonts: Arial, Arial Black, Verdana, Trebuchet MS, Georgia, Tahoma, Courier New, Times New Roman**

- iii) Change the background color, text alignment and borders**

styleme.css

```
H1 { color:orange; font-size:30px; text-align:center; }  
H6 { color:red; font-size:15px; text-align: center;}
```

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

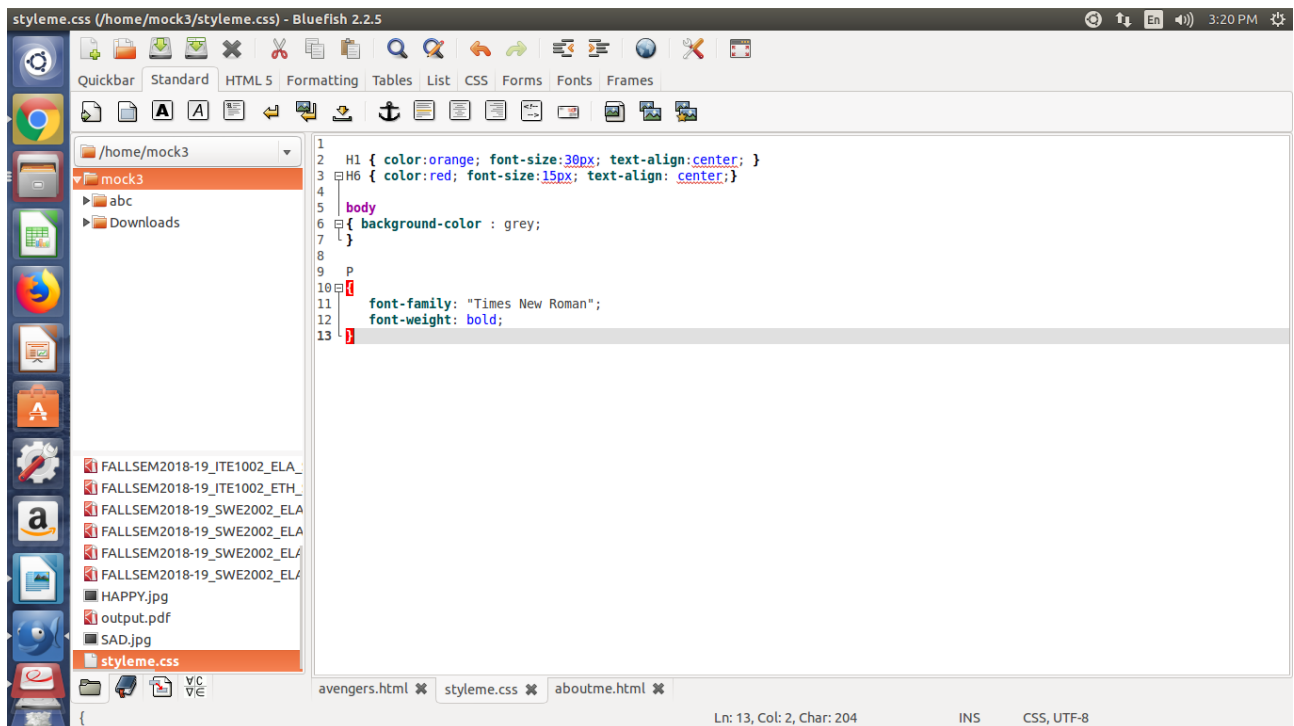
```
P  
{  
    font-family: "Times New Roman";  
    font-weight: bold;  
  
}
```

### **OUTPUT**

In the following Output, colours of the headings have been changed from black to orange and red respectively.

Size of About Me paragraph has been altered to 15px.  
Also the font weight has been set to bold.  
Font Face used is Times New Roman.

Back Ground Colour has been changed to Grey





### 3. Pick 5 corporations and hunt down their current stock prices.

- i) Place them in a neatly arranged table with their name, symbol, last price, 52wk high, 52wk low and PE ratio.
- ii) The end result should look like the following. Notice that the first column is aligned left and the rest are center aligned.
- iii) Now alter the last table using shaded rows and no border.

<i>My tech stock picks</i>					
NAME	SYMBOL	CURRENT	52WK HI	52WK LO	P/E RATIO
Microsoft	MSFT	86-3/8	119-15/16	75-1/2	56.09
Cisco Systems	CSCO	72-1/8	82	24-13/16	400.69
America Online	AOL	63	95-13/16	38-15/32	350.00
Qwest Communications	Q	44-7/16	66	25-3/4	74.06
Dell Computers	DELL	53-59/64	59-11/16	31-3/8	86.97

```
<HTML>
<HEAD>
<TITLE> TABLE </TITLE>
</HEAD>
<BODY>
<table border="1">
<tr>
<th colspan="6"> My tech stock picks </th>
</tr>
<tr>
<th ALIGN="LEFT"> NAME </th>
<th ALIGN="center"> SYMBOL </th>
<th ALIGN="center"> CURRENT </th>
<th ALIGN="center"> 52WK HI </th>
<th ALIGN="center"> 52WK LO </th>
<th ALIGN="center"> P/E RATIO </th>
</tr>
<tr>
<td> Microsoft </td>
```

MSFT	
86-3/8	
119-15/16	
75-1/2	
56.09	

Cisco Systems	
CSCO	
72-1/8	
82	
24-13/16	
400.69	

America Online	
AQL	
63	
95-13/16	
38-15/32	
350.00	

Qwest Communication	
Q	
44-7/16	
66	
25-3/4	
74.06	

Dell Computers	
Dell	
53-59/64	
59-11/16	
31-3/8	
86.97	

# OUTPUT

```
table.html (~/Desktop) - gedit
<HTML>
<HEAD>
<TITLE>TABLE</TITLE>
</HEAD>
<BODY>
<table border="1">
<tr>
<th colspan="6">My tech stock picks</th>
</tr>
<tr>
<th ALIGN="LEFT">NAME</th>
<th ALIGN="center">SYMBOL</th>
<th ALIGN="center">CURRENT</th>
<th ALIGN="center">52WK HI</th>
<th ALIGN="center">52WK LO</th>
<th ALIGN="center">P/E RATIO</th>
</tr>
<tr>
<td>Microsoft</td>
<td>MSFT</td>
<td>86-3/8</td>
<td>119-15/16</td>
<td>75-1/2</td>
<td>56.09</td>
</tr>
<tr>
<td>Cisco systems</td>
<td>CSCO</td>
<td>72-1/8</td>
<td>82</td>
<td>24-13/16</td>
<td>400.69</td>
</tr>
<tr>
<td>America outline</td>
<td>AOL</td>
</tr>
```

```
table.html (~/Desktop) - gedit
<td>56.09</td>
</tr>
<tr>
<td>Cisco systems</td>
<td>CSCO</td>
<td>72-1/8</td>
<td>82</td>
<td>24-13/16</td>
<td>400.69</td>
</tr>
<tr>
<td>America outline</td>
<td>AOL</td>
<td>63</td>
<td>95-13/16</td>
<td>38-15/32</td>
<td>350.00</td>
</tr>
<tr>
<td>Qwest communication</td>
<td>Q</td>
<td>44-7/16</td>
<td>66</td>
<td>25-3/4</td>
<td>74.06</td>
</tr>
<tr>
<td>Dell computers</td>
<td>DELL</td>
<td>53-59/64</td>
<td>59-11/16</td>
<td>31-3/8</td>
<td>86.97</td>
</tr>
</table>
</body>
</html>
```

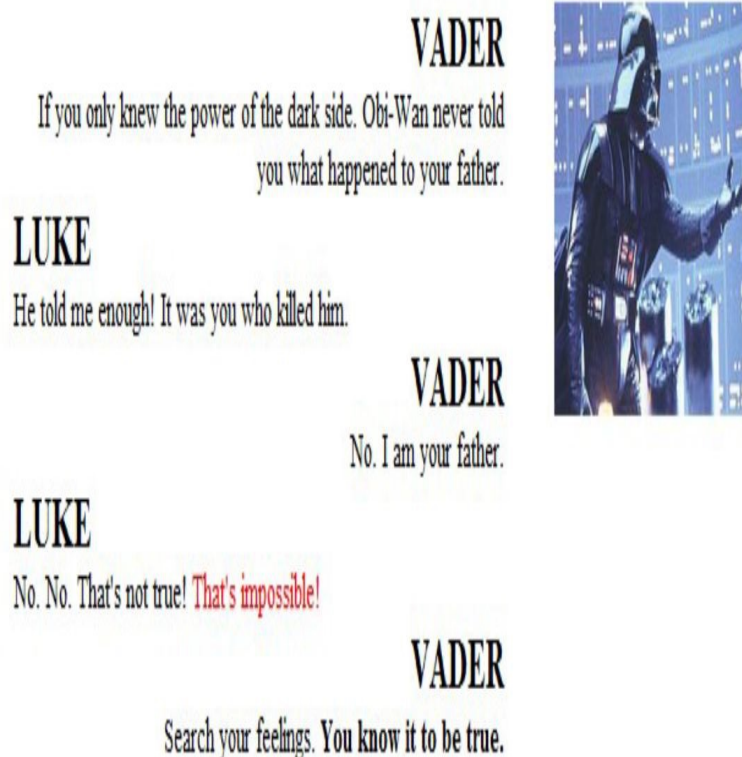
TABLE

file:///tmp/guest-UWH3DL/Desktop/table.html

My tech stock picks

NAME	SYMBOL	CURRENT	52WK HI	52WK LO	P/E RATIO
Microsoft	MSFT	86-3/8	119-15/16	75-1/2	56.09
Cisco systems	CSCO	72-1/8	82	24-13/16	400.69
America outline	AQL	63	95-13/16	38-15/32	350.00
Qwest communication	Q	44-7/16	66	25-3/4	74.06
Dell computers	DELL	53-59/64	59-11/16	31-3/8	86.97

**4. Write the HTML and CSS code necessary to recreate the following appearance onscreen, between but not including the thick black lines. (No manual line breaks have been inserted into the text.) Assume that the code you're writing will be placed inside the body of the page.**



**Some details about the desired appearance:**

- i) All text uses default sizes and font families.**
- ii) The central section of dialogue is centered within the page and occupies 50% of the page width.**
- iii) The image of Vader at right comes from the file vader.png, which you should set to 20% of the page width.**

## HTML CODE

```
<!doctype html> <html>
<head>

<link href="vander.css" type="text/css" rel="stylesheet"> </head>

<body>
<div class="image">

 </div>

<div class="vander">
<h3>VANDER</h3>
<p>if you only knew the power of the dark side. Obi-
Wannever told you what happened to your father.</p> </div>

<div class="luke">
<h3>LUKE</h3>
<p>he told me enough! it was you who killed him.</p>

</div>

<div class="vander"> <h3>VANDER</h3> <p>no. i am your father</p>

</div>

<div class="luke"> <h3>LUKE</h3>



---


<p>no no that's not true!<span>That's impossible</span></p>

</div>

<div class="vander">
<h3>VANDER</h3>
<p>search your feelings. you know it to be true.</p>
```

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

## CSS CODE

```
.image{  
position: relative;
```

```
top: -16px;
```

```
right: -1080px; }
```

```
.vander{  
text-align: left;
```

```
} .luke{
```

```
text-align: right; }
```

```
span{  
color: red;
```

```
}
```

```
index.html  vander.css  ⋮  
1  <!DOCTYPE html>  
2  
3  <html>  
4  
5  <head>  
6  
7  <link rel="stylesheet" type="text/css" href="vander.css">  
8  
9  </head>  
10  
11 <body>  
12  
13 <div class="image">  
14  
15   
16  
17 </div>  
18  
19 <div class="vander">  
20  
21 <h1>VADER</h1>  
22  
23 <p>If you only knew the power of the dark side. Obi-Wan never told you what happened to your father.</p>  
24  
25 <div class="luke">  
26  
27 <h1>LUKE</h1>
```

```

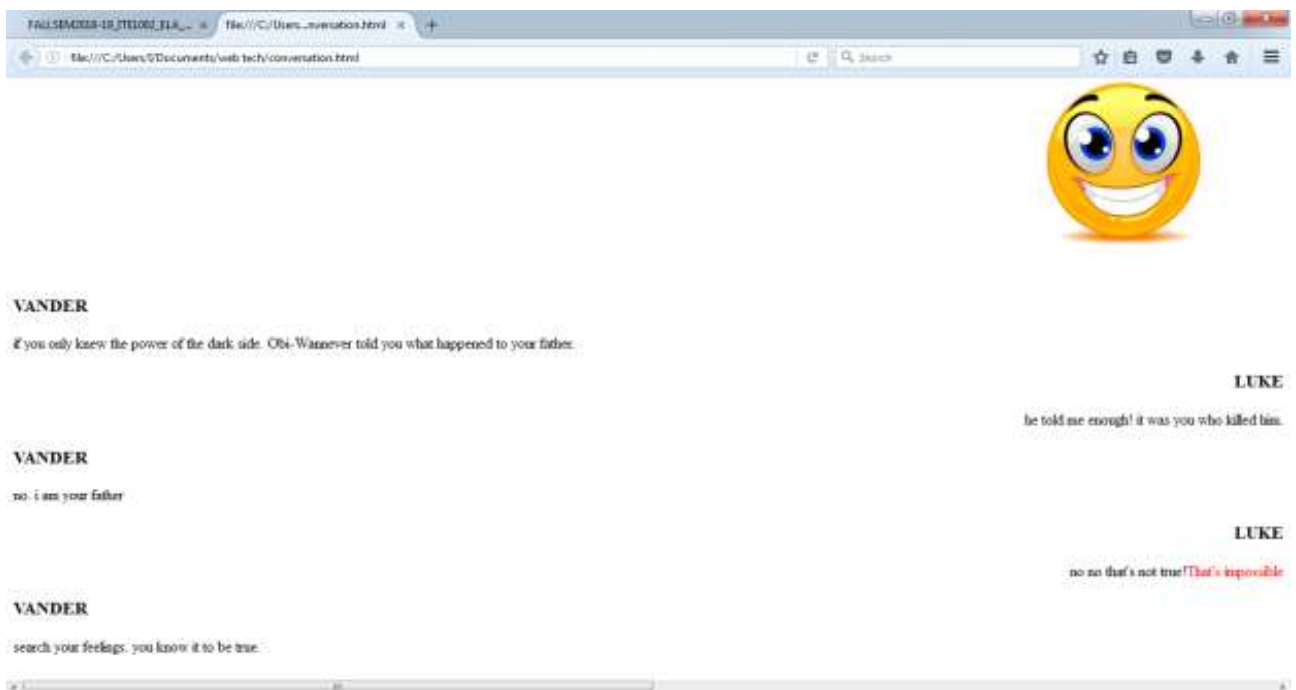
index.html  vander.css  :
25 <div class="luke">
26
27 <h1>LUKE</h1>
28
29 <p>He told me enough! It was you who killed him.</p>
30
31 <div class="vader">
32
33 <h1>VADER</h1>
34
35 <p>No, I am your father</p>
36
37 <div class="luke">
38
39 <h1>LUKE</h1>
40
41 <p>No. No. That is not true! <span> That is impossible </span></p>
42
43 <div class="vader">
44
45 <h1>VADER</h1>
46
47 <p>Search your feelings. You know it to be true</p>
48
49 </body>
50
51 </html>

```

```

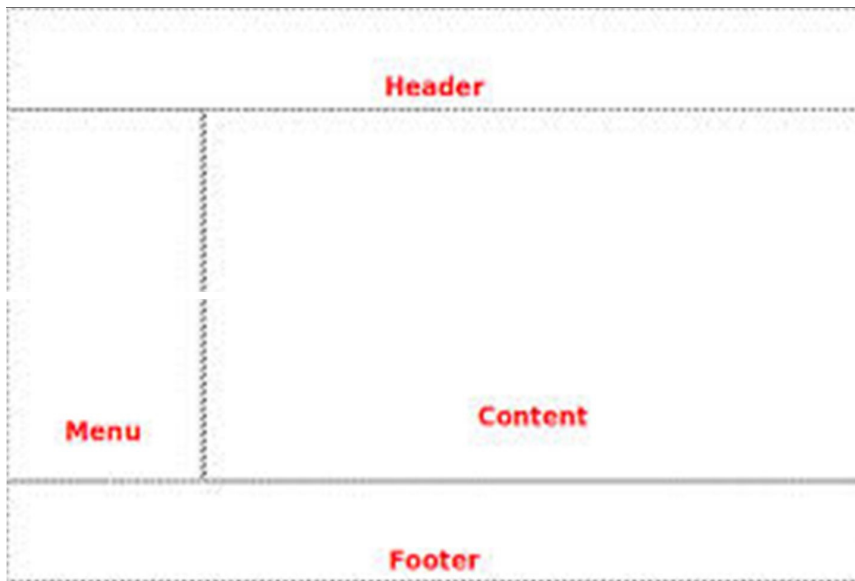
index.html  vander.css  :
1 .vader{
2   text-align: left;
3 }
4 .luke{
5   text-align: right;
6 }
7 span{
8   color: red
9 }
10

```



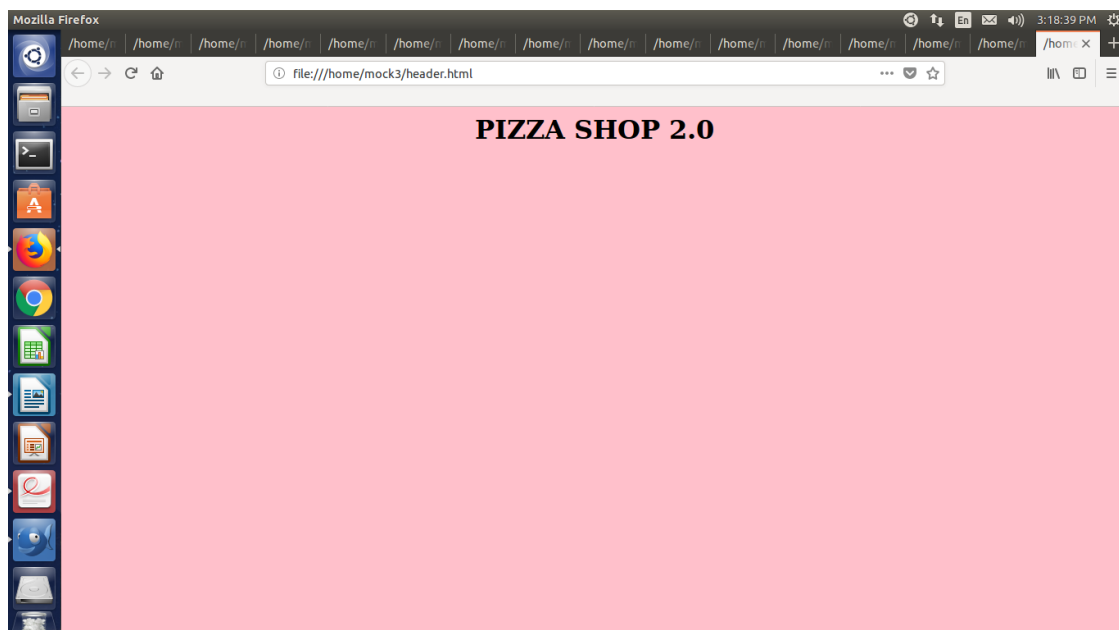


**5. Think that you are the owner of a company named 'XYZ'. Your company has an opening Pizza Shop 2.0. Make an advertisement using HTML. Make the website more attractive with following layout.**



header.html

```
<HTML>
<HEAD>
<H1 align="center"> PIZZA SHOP 2.0</H1>
<BODY BGCOLOR = "PINK">
</body>
</HEAD>
</HTML>
```



footer.html

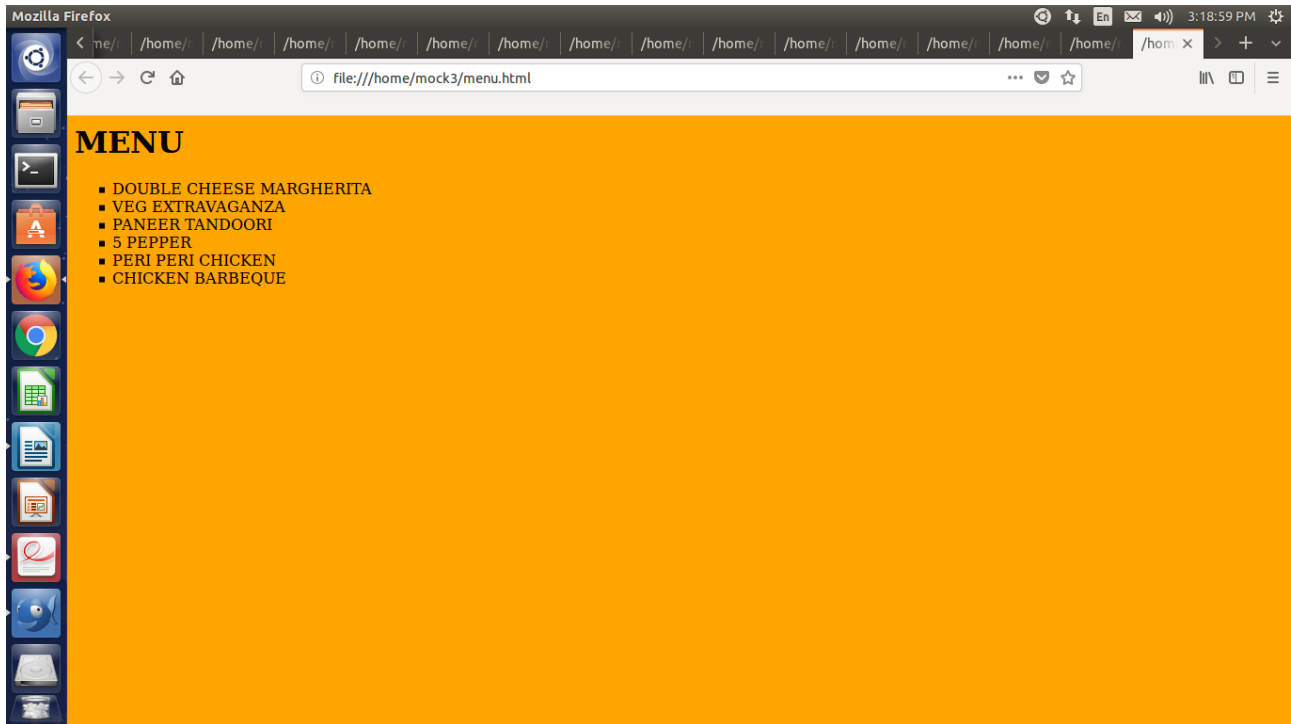
```
<HTML>
<HEAD>
<H1 align="center"> OWNED BY SIDDHI</H1>
<BODY BGCOLOR = "PINK">
</body>
</HEAD>
</HTML>
```



menu.html

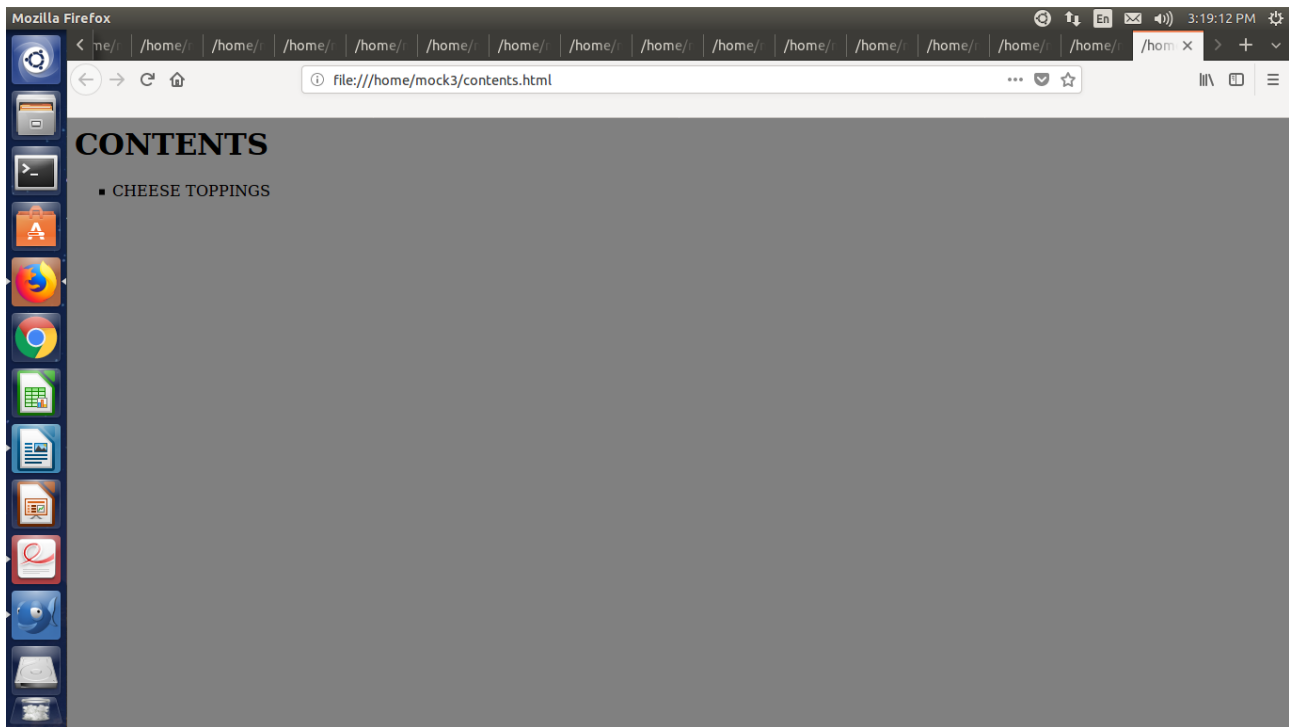
```
<HTML>
<HEAD>
<H1> MENU</H1>
<BODY BGCOLOR = "ORANGE">
<UL TYPE="SQUARE">
<LI> DOUBLE CHEESE MARGHERITA </LI>
<LI> VEG EXTRAVAGANZA </LI>
<LI> PANEER TANDOORI </li>
<LI> 5 PEPPER </LI>
<LI> PERI PERI CHICKEN</li>
```

```
<LI> CHICKEN BARBEQUE </LI>
</UI>
</body>
</HEAD>
</HTML>
```



contents.html

```
<HTML>
<HEAD>
<H1> CONTENTS </H1>
<BODY BGCOLOR = "GREY">
<UL TYPE="SQUARE">
<LI> CHEESE TOPPINGS </LI>
</UI>
</body>
</HEAD>
</HTML>
```



frames.html

```
<html>
<frameset rows = "10%,80%,*">
<frame src = "header.html">
<frameset cols = "30%,*">
<frame src = "menu.html">
<frame src = "contents.html">
</frameset>
<frame src = "footer.html">
</frameset>
</html>
```



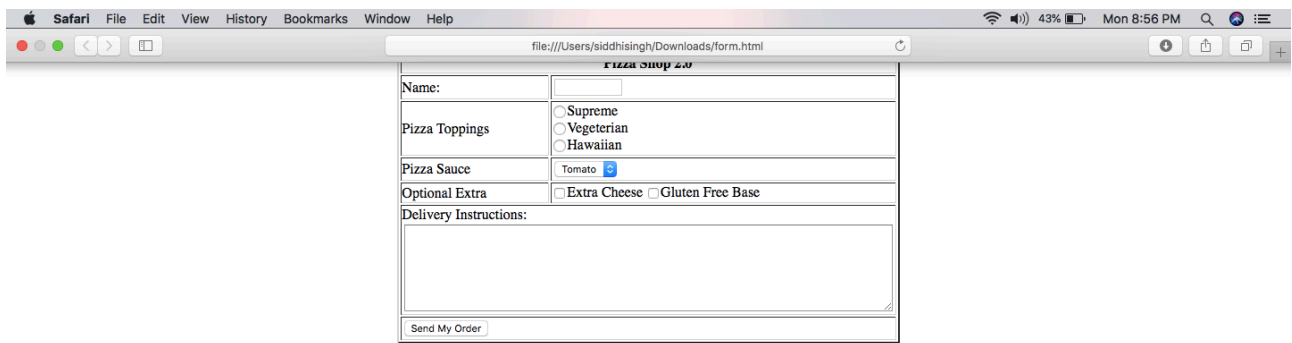
Provide a navigation to access the following form:

Pizza Shop 2.0	
Name	<input type="text"/>
Pizza Topping	<input type="radio"/> Supreme <input type="radio"/> Vegetarian <input type="radio"/> Hawaiian
Pizza Sauce	<input type="text" value="Tomato"/>
Optional Extras	<input type="checkbox"/> Extra Cheese <input type="checkbox"/> Gluten Free Base
Delivery Instructions: <input type="text"/>	
<input type="button" value="Send my Order"/>	

form.html

```
<html>
<center>
<table border=2>
<tr><th colspan=2>Pizza Shop 2.0</th></tr>
<form method="post" action="1.html">
<tr>
<td>Name:</td>
<td><input type="text" size=10 maxlength=100 name="pizza"></td>
<tr>
<td>Pizza Toppings</td>
<td><input type="radio" name="topping" value="Supreme">Supreme<br>
<input type="radio" name="topping" value="Vegeterian">Vegeterian<br>
<input type="radio" name="topping" value="Hawaiian">Hawaiian</td>
</tr>
<tr>
<td>Pizza Sauce</td>
<td><select>
<option>Tomato</option>
<option>Chiily</option>
<option>Ginger</option>
</select></td>
</tr>
<tr>
<td>Optional Extra</td>
<td>
<input type="checkbox" name="extras" value="extracheese">Extra Cheese</input>
<input type="checkbox" name="extras" value="glutenfreebase">Gluten Free Base</input></td>
<tr><td colspan=2>Delivery Instructions:<br>
<textarea cols=75 rows=7 wrap="hard"></textarea></td></tr>
<tr><td colspan=2>
<input type="submit" value="Send My Order"></td></tr>
</form>
</table>
</center>
</html>
```

# OUTPUT



The screenshot shows a Safari browser window with the address bar displaying 'file:///Users/siddhisingh/Downloads/form.html'. The page title is 'PIZZA SHOP 2.0'. The form contains the following fields and options:

Name:	<input type="text"/>
Pizza Toppings	<input type="radio"/> Supreme <input type="radio"/> Vegetarian <input type="radio"/> Hawaiian
Pizza Sauce	<input type="text" value="Tomato"/>
Optional Extra	<input type="checkbox"/> Extra Cheese <input type="checkbox"/> Gluten Free Base
Delivery Instructions:	<div><div></div></div>
<input type="button" value="Send My Order"/>	