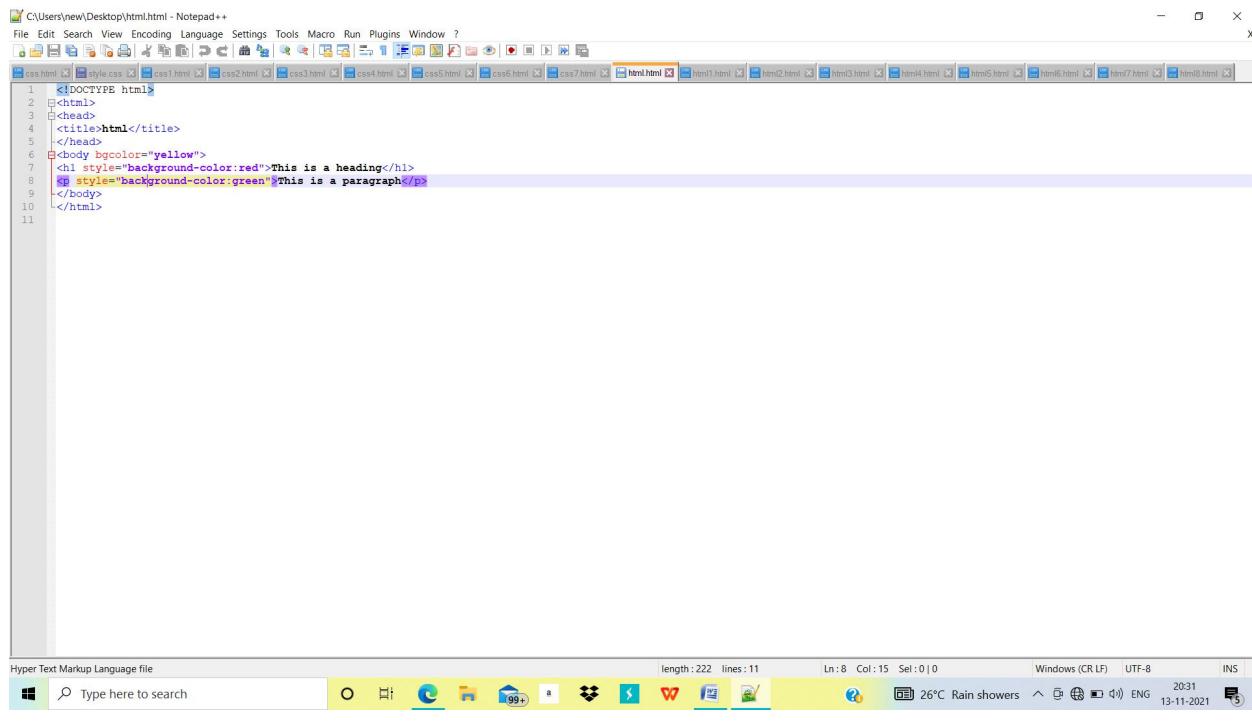


# HTML ASSIGNMENTS

## 1.



C:\Users\new\Desktop\html.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

css.html style.css css1.html css2.html css3.html css4.html css5.html css6.html css7.html html.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html

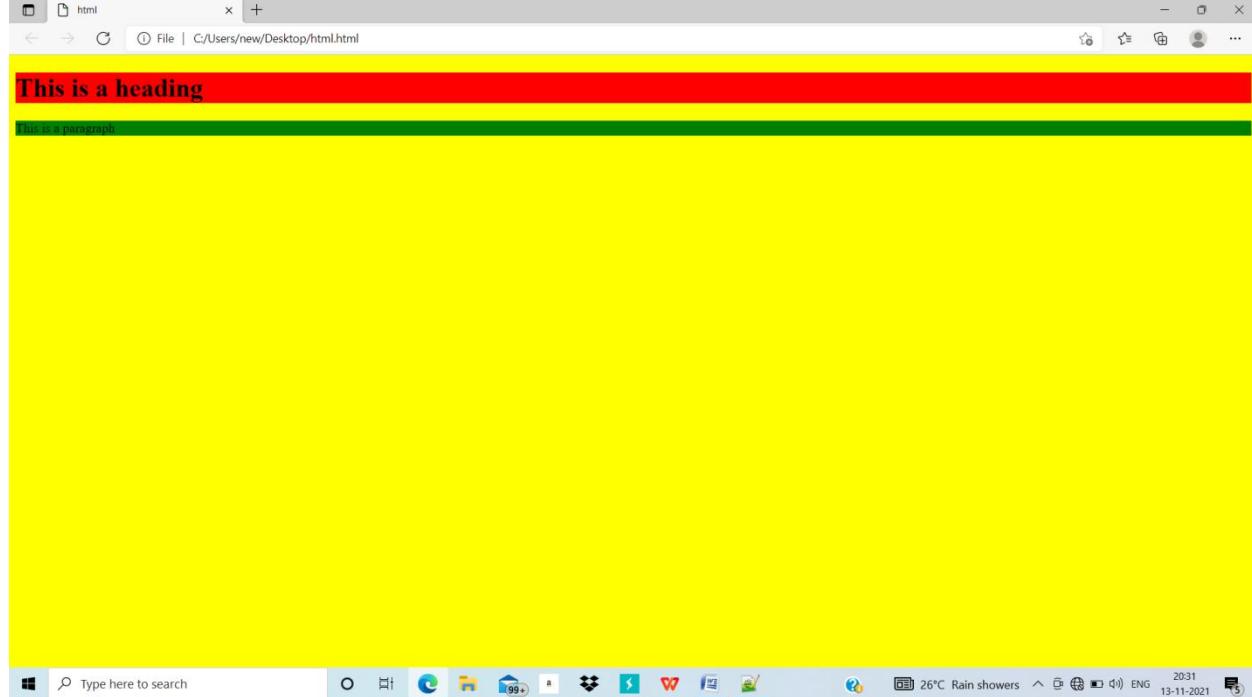
```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>html</title>
5   </head>
6   <body bgcolor="yellow">
7     <h1 style="background-color:red">This is a heading</h1>
8     <p style="background-color:green">This is a paragraph</p>
9   </body>
10 </html>
```

length: 222 lines: 11 Ln: 8 Col: 15 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

Type here to search

Hyper Text Markup Language file

26°C Rain showers 20:31 ENG 13-11-2021



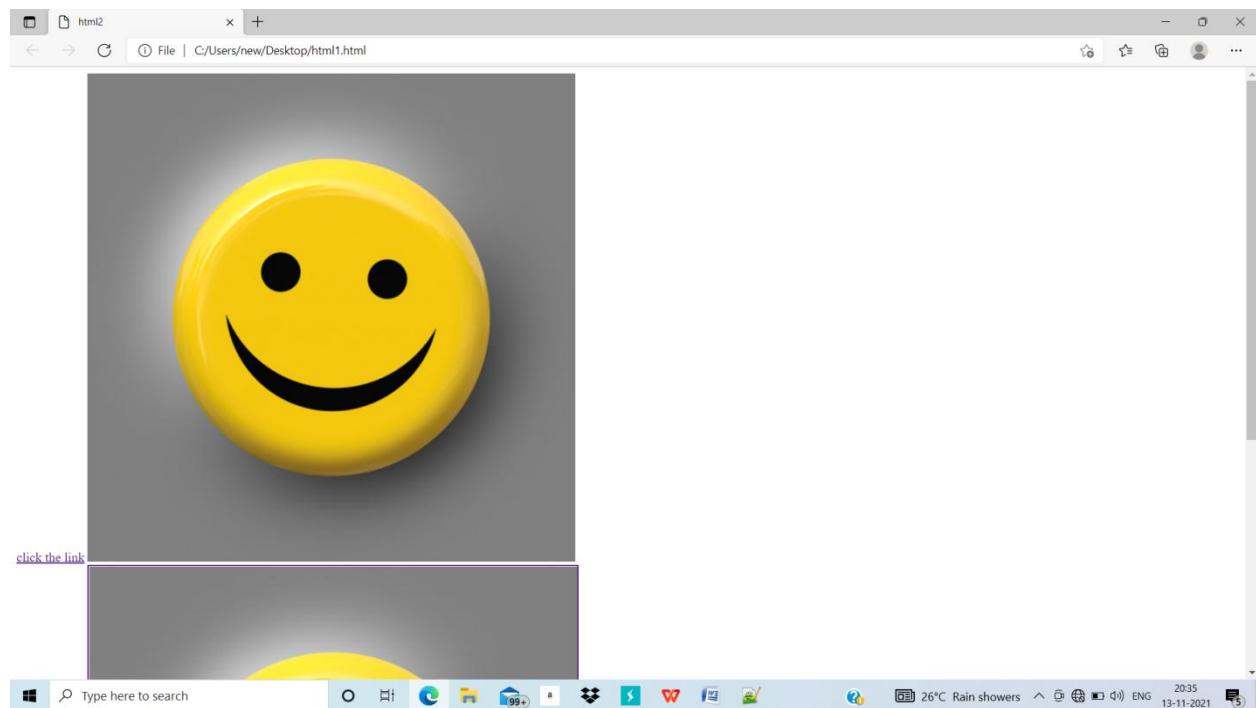
2.

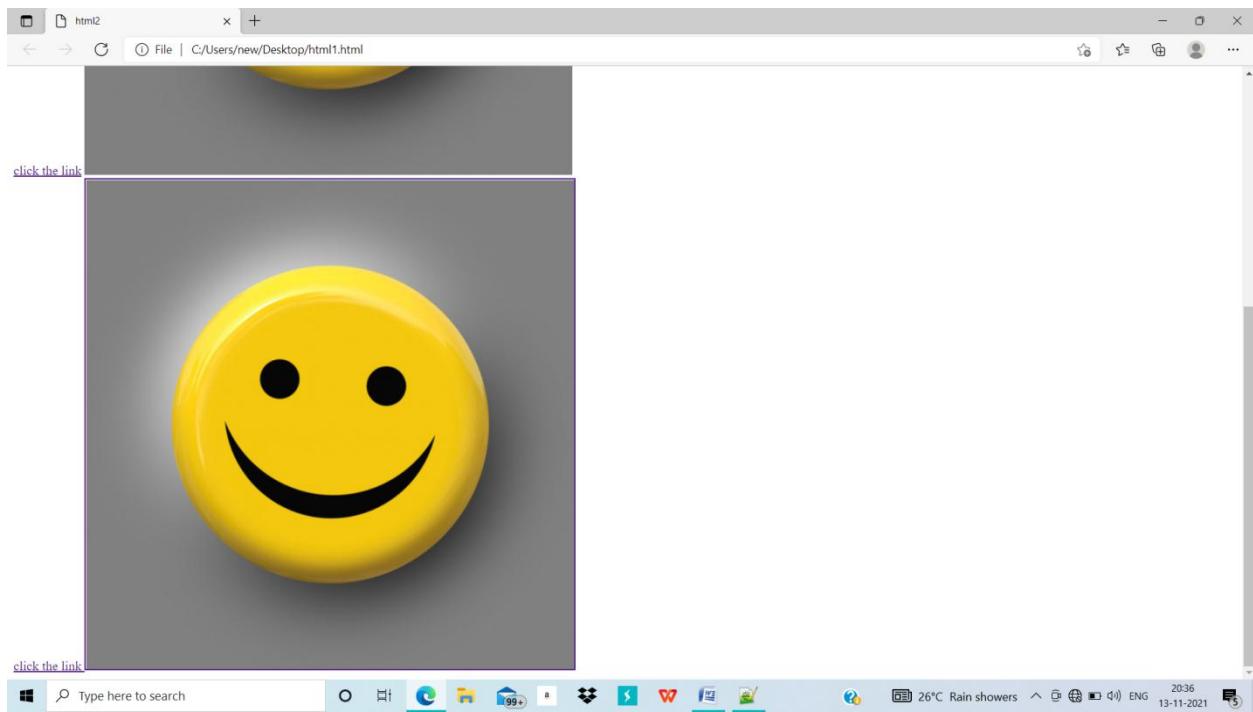
C:\Users\new\Desktop\html1.html - Notepad++

```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?  
css.html style.css css1.html css2.html css3.html css4.html css5.html css6.html css7.html html.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html  
1 <!DOCTYPE html>  
2 <html>  
3 <head>  
4 <title>html2</title>  
5 </head>  
6 <body>  
7 <a href="smiley.jpg">click the link</a>  
8   
9  
10 <br>  
11 <a href="smiley.jpg">click the link  
12   
13 </a>  
14 </body>  
15 </html>
```

Hyper Text Markup Language file length : 257 lines : 15 Ln:11 Col:16 Sel:0|0 Windows (CR LF) UTF-8 INS

Type here to search 26°C Rain showers 2033 ENG 13-11-2021





### 3.

A screenshot of the Notepad++ text editor. The title bar says "C:\Users\new\Desktop\html2.html - Notepad++". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and ? . The toolbar has icons for Open, Save, Find, Replace, and others. The status bar at the bottom shows "length : 384 lines : 35 Ln : 10 Col : 6 Sel : 0 | 0 Windows (CR LF) UTF-8 INS". The code in the editor is as follows:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>html2</title>
5   </head>
6   <body>
7     <table border="1">
8       <tr>
9         <td>100</td>
10      </tr>
11    </table><br>
12    <table border="1">
13      <tr>
14        <td>100</td>
15        <td>200</td>
16        <td>300</td>
17      </tr>
18    </table>
19    <br>
20    <table border="1">
21      <tr>
22        <td>100</td>
23        <td>200</td>
24        <td>300</td>
25      </tr>
26    </table>
27    <td>400</td>
28    <td>500</td>
29    <td>600</td>
30  </tr>
31 </table>
32 </body>
33 </html>
```

The status bar also shows "Windows (CR LF) UTF-8 INS".



#### 4.

The screenshot shows the Notepad++ application window with the file "C:\Users\new\Desktop\html3.html" open. The code in the editor is as follows:

```
<!DOCTYPE html>
<html>
<head>
<title>html3</title>
</head>
<body>
<table border="1">
||

<br>
<table border="2">
||

</body>
</html>
|  |

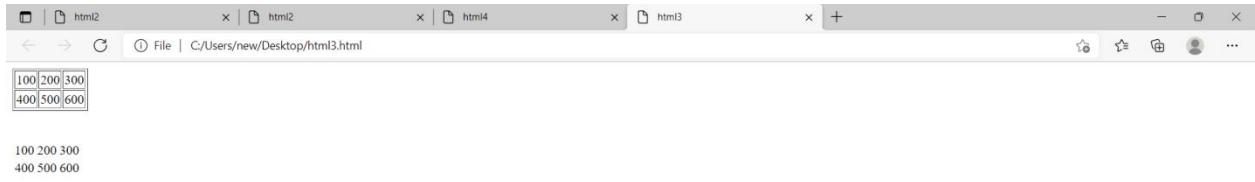
|  |

|  |

|  |

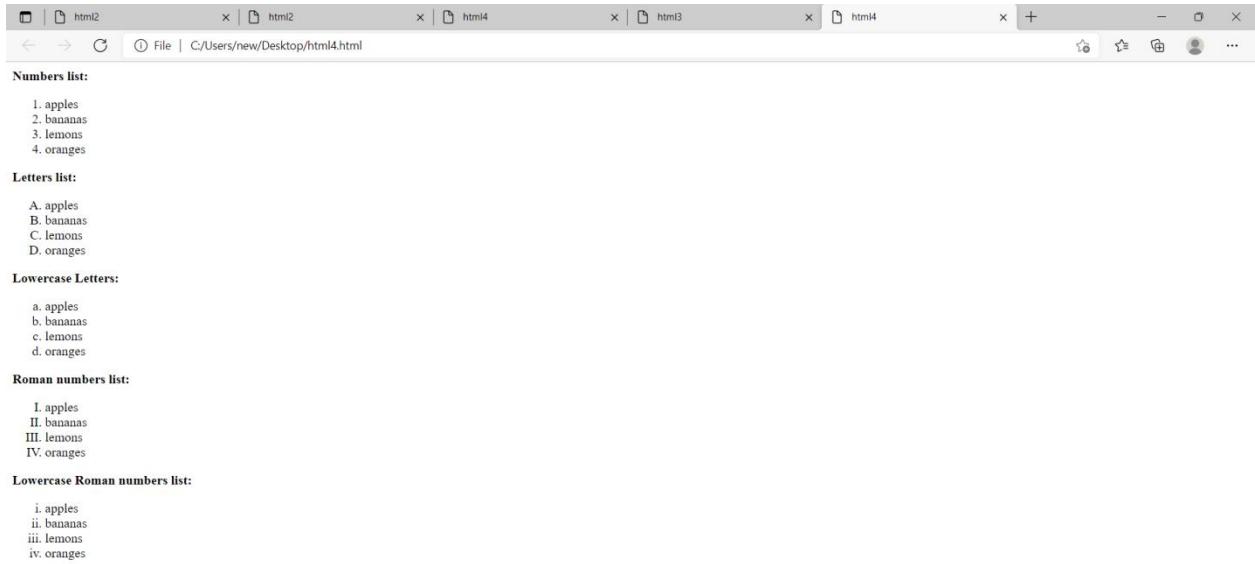
```

The status bar at the bottom of the Notepad++ window indicates the following information: length: 373, lines: 36, Ln: 26, Col: 5, Sel: 0 | 0, Windows (CR LF), UTF-8, INS.



## 5.

```
<!DOCTYPE HTML>
<html>
<head>
<title>HTML4</title>
</head>
<body>
<p><b>Numbers list:</b></p>
<ol>
<li>apples</li>
<li>bananas</li>
<li>lemons</li>
<li>oranges</li>
</ol>
<p><b>Letters list:</b></p>
<ol type="A">
<li>apples</li>
<li>bananas</li>
<li>lemons</li>
<li>oranges</li>
</ol>
<p><b>Lowercase Letters:</b></p>
<ol type="a">
<li>apples</li>
<li>bananas</li>
<li>lemons</li>
<li>oranges</li>
</ol>
<p><b>Roman numbers list:</b></p>
<ol type="I">
<li>apples</li>
<li>bananas</li>
<li>lemons</li>
<li>oranges</li>
</ol>
<p><b>Lowercase Roman numbers list:</b></p>
<ol type="i">
<li>apples</li>
<li>bananas</li>
<li>lemons</li>
<li>oranges</li>
</ol>
</body>
</html>
```



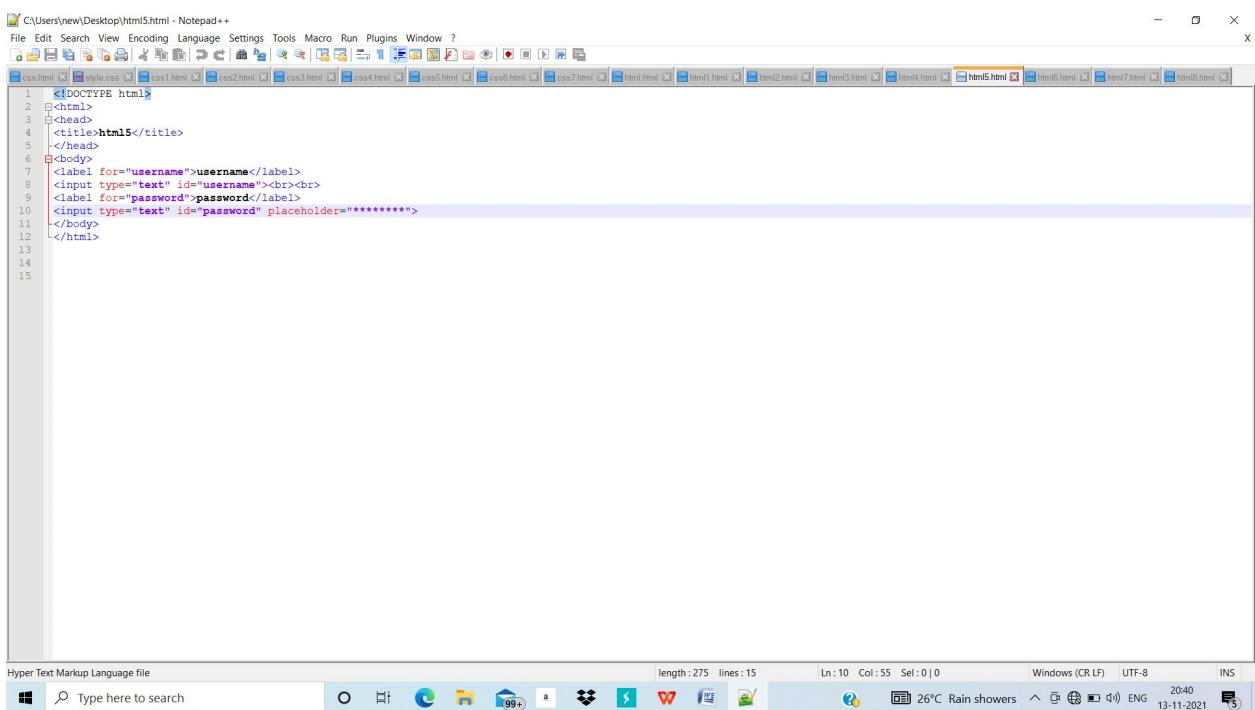
The screenshot shows a Microsoft Edge browser window with four tabs open, each displaying a different list of fruit names:

- Numbers list:**
  - 1. apples
  - 2. bananas
  - 3. lemons
  - 4. oranges
- Letters list:**
  - A. apples
  - B. bananas
  - C. lemons
  - D. oranges
- Lowercase Letters:**
  - a. apples
  - b. bananas
  - c. lemons
  - d. oranges
- Roman numbers list:**
  - I. apples
  - II. bananas
  - III. lemons
  - IV. oranges

**Lowercase Roman numbers list:**

- i. apples
- ii. bananas
- iii. lemons
- iv. oranges

## 6.

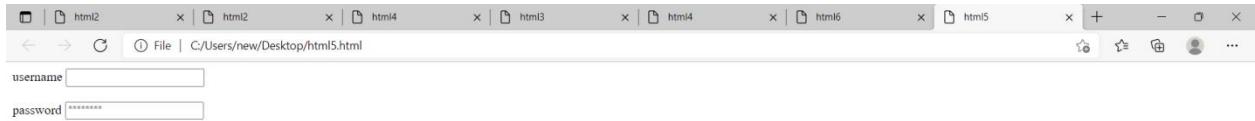


The screenshot shows the Notepad++ code editor with the following content:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>html5</title>
5   </head>
6   <body>
7     <label for="username">username</label>
8     <input type="text" id="username">br><br>
9     <label for="password">password</label>
10    <input type="text" id="password" placeholder="*****">
11  </body>
12 </html>
```

The status bar at the bottom indicates:

- Length: 275
- Lines: 15
- Ln: 10 Col: 55 Sel: 0 | 0
- Windows (CR LF)
- UTF-8
- INS



7.

C:\Users\new\Desktop\html6.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

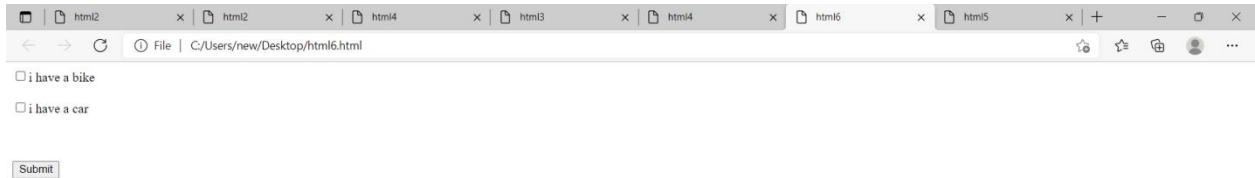
css.html style.css css1.html css2.html css3.html css4.html css5.html css6.html css7.html html.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>html6</title>
5   </head>
6   <body>
7     <form>
8       <input type="checkbox" id="checkbox">i have a bike<br><br>
9       <input type="checkbox" id="checkbox">i have a car<br><br><br><br>
10      <input type="submit" placeholder="submit">
11    </form>
12  </body>
13 </html>
```

Hyper Text Markup Language file

length : 280 lines : 15 Ln : 10 Col : 43 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

Windows Taskbar



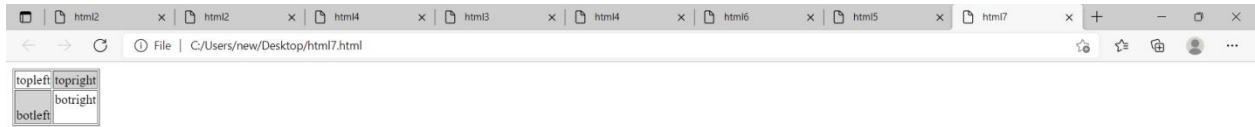
## 8.

```
<!DOCTYPE html>
<html>
  <head>
    <title>html7</title>
  </head>
  <body>
    <table border="1">
      <tr><td>topleft</td>
      <td style="background-color:LightGray">topright</td></tr>
      <tr><td style="padding-top:20px;background-color:LightGray">botleft</td>
      <td style="padding-bottom:20px">botright</td></tr>
    </table>
  </body>
</html>
```

Hyper Text Markup Language file

length : 325 lines : 14 Ln : 9 Col : 39 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

26°C Rain showers 20:42 ENG 13-11-2021



## 9.

C:\Users\new\Desktop\html8.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

css.html style.css css1.html css2.html css3.html css4.html css5.html css6.html css7.html html.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html

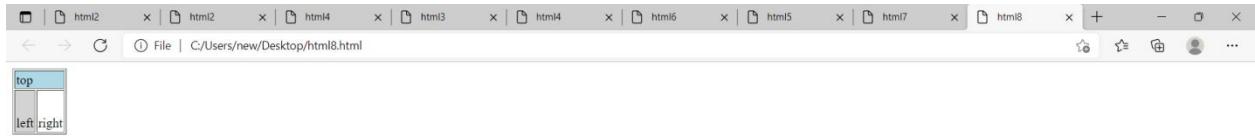
```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>html8</title>
5   </head>
6   <body>
7     <table border="1px">
8       <tr>
9         <td colspan="2" style="background-color:LightBlue">top</td>
10      </tr>
11      <tr>
12        <td style="padding-top:30px;background-color:LightGray">left</td>
13        <td style="padding-top:30px">right</td>
14      </tr>
15    </table>
16  </body>
17 </html>
```

Hyper Text Markup Language file

length : 315 lines : 17 Ln : 9 Col : 51 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

26°C Rain showers 2043 ENG 13-11-2021

A screenshot of Notepad++ showing the code for 'html8.html'. The code defines a 2x2 table with specific styling for each cell. The first cell has a light blue background and spans two columns. The second cell has a light gray background and a top padding of 30px. The third cell has a light gray background and a top padding of 30px. The fourth cell has a white background. The Notepad++ interface includes a toolbar, a menu bar, and a status bar at the bottom.



## CSS ASSIGNMENTS

1.

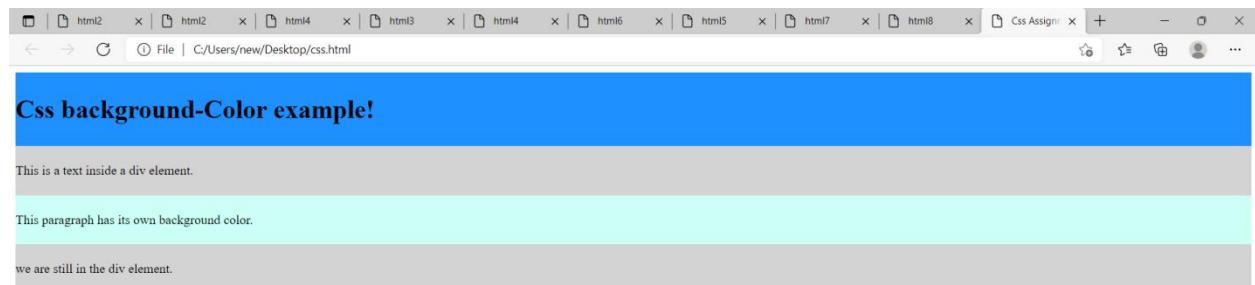
```
<!DOCTYPE html>
<html>
<head>
<title>css Assignment</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
<div>
<div class="back">
<h1><b>Cse background-Color example!</b></h1></div>
<div class="div">
<p>This is a text inside a div element.</p>
</div>
<div class="para">
<p>This paragraph has its own background color.</p>
</div>
<div class="ele">
<p>we are still in the div element.</p></div>
</div>
</body>
</html>
```

Hyper Text Markup Language file

length : 467 lines : 23 Ln : 21 Col : 7 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

Type here to search

26°C Rain showers 2044 ENG 13-11-2021



2.

C:\Users\new\Desktop\css1.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

css.html style.css css1.html css2.html css3.html css4.html css5.html css6.html css7.html html.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <link rel="stylesheet" href="style.css">
5 <title>css</title>
6 </head>
7 <body>
8 <div class="co">
9 <h1>This is heading1</h1><br>
10 <h2><strike>This is heading2</strike></h2><br>
11 <h3><u>This is heading3</u></h3><br>
12 <h4>This is heading4</h4>
13 </div>
14 </body>
15 </html>
```

Hyper Text Markup Language file length : 299 lines : 15 Ln : 5 Col : 20 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

Type here to search 26°C Rain showers 20:49 ENG 13-11-2021

C:\Users\new\Desktop\style.css - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

css.html style.css css1.html css2.html css3.html css4.html css5.html css6.html css7.html html.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html

```
5 }
6 .div{
7   background:#cccccc;
8   padding-bottom:5px;
9   padding-top:5px;
10 }
11 .para{
12   background:#ccffff;
13   padding-bottom:5px;
14   padding-top:5px;
15 }
16 .ele{
17   background:#cccccc;
18   padding-bottom:5px;
19   padding-top:5px;
20 }
21 .ele{
22   background:#ccffff;
23   padding-bottom:5px;
24   padding-top:5px;
25 }
26 }
27 .co{
28   background:#ccffff;
29   padding:5px;
30 }
31 .col{
32   background:#ccffff;
33   padding:5px;
34 }
35 .col1{
36   background:#ccffff;
37   padding:5px;
38 }
39 .ul{
40   color:red;
41 }
42 .li{
43   background-color:#009900;
44   color:white;
45 }
46 .table{
47   border-color:#009900;
48 }
```

Cascade Style Sheets File length : 573 lines : 48 Ln : 26 Col : 2 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

Type here to search 26°C Rain showers 20:49 ENG 13-11-2021



### 3.

A screenshot of the Notepad++ code editor. The title bar shows the file path: C:\Users\new\Desktop\css2.html - Notepad++. The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and ?.

The code editor displays the following HTML and CSS content:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <link rel="stylesheet" href="style.css">
5   <title>css2</title>
6 </head>
7 <body>
8   <div class="col">
9     <p>THIS IS SOME TEXT.</p>
10    <p>This is some text.</p>
11    <p>This is some text.</p>
12  </div>
13 </body>
14 </html>
```

The code editor interface includes tabs for other files like style.css, css1.html, etc., and status bars at the bottom showing file length, line count, and encoding.

C:\Users\new\Desktop\style.css - Notepad++

```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
css.html style.css.cs1.html.cs2.html.cs3.html.cs4.html.cs5.html.cs6.html.cs7.html.html.html1.html.html2.html.html3.html.html4.html.html5.html.html6.html.html7.html.html8.html
```

```
5
6     }
7     .div{
8         background:Lightgray;
9         padding-bottom:5px;
10        padding-top:5px;
11    }
12}
13}
14.para{
15
16    background: #ccffff;
17    padding-bottom:5px;
18    padding-top:5px;
19}
20}
21.ele{
22
23    background:Lightgray;
24    padding-bottom:5px;
25    padding-top:5px;
26}
27.co{
28
29    background:#ccffff;
30    padding:5px;
31}
32.col{
33
34    background:#ccffff;
35    padding:5px;
36}
37.col{
38
39    background:#ccffff;
40    padding:5px;
41}
42.bu{
43
44    background-color:#009900;
45    color:white;
46}
47.table{
48    border-color:#009900;
```

Cascade Style Sheets File length : 573 lines : 48 Ln : 26 Col : 2 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

Type here to search



4.

C:\Users\new\Desktop\css3.html - Notepad++

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="style.css">
<title>css</title>
</head>
<body>
<div class="col1">
<a href="https://www.w3schools.com"><u>This is link</u></a>
</div>
</body>
</html>
```

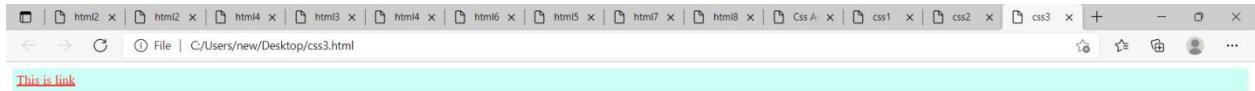
Hyper Text Markup Language file length:218 lines:12 Ln:4 Col:41 Sel:0|0 Windows (CR LF) UTF-8 2052 13-11-2021 INS

C:\Users\new\Desktop\style.css - Notepad++

```

.div{
background:LightGray;
padding-bottom:5px;
padding-top:5px;
}
.para{
background: #ccffff;
padding-bottom:5px;
padding-top:5px;
}
.ele{
background:LightGray;
padding-bottom:5px;
padding-top:5px;
}
.co{
background:#ccffff;
padding:5px;
}
.col{
background:#ccffff;
padding:5px;
}
.col1{
background:#ccffff;
padding:5px;
}
.u{
color:red;
}
.bth{
background-color:#009900;
color:white;
}
table{
border-color:#009900;
}
```

Cascade Style Sheets File length:573 lines:48 Ln:26 Col:2 Sel:0|0 Windows (CR LF) UTF-8 2052 13-11-2021 INS



## 5.

C:\Users\new\Desktop\css4.html - Notepad++

```
<!DOCTYPE html>
<html>
<head>
<title>css4</title>
</head>
<body>
<table border="1">
<tr>
<th>First Name</th>
<th>Last Name</th>
</tr>
<tr>
<td>Petter</td>
<td>Griffin</td>
</tr>
<tr>
<td>Lois</td>
<td>Griffin</td>
</tr>
</table>
</body>
</html>
```

Hyper Text Markup Language file

length : 265 lines : 22 Ln : 12 Col : 5 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

26°C Rain showers 13-11-2021

C:\Users\new\Desktop\style.css - Notepad++

```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
css.html style.css css1.html css2.html css3.html css4.html css5.html css6.html css7.html html.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html
```

```
5
6     }
7     .div{
8         background:Lightgray;
9         padding-bottom:5px;
10        padding-top:5px;
11    }
12}
13}
14 .para{
15     background: #ccffff;
16     padding-bottom:5px;
17     padding-top:5px;
18 }
19}
20}
21 .ele{
22     background:Lightgray;
23     padding-bottom:5px;
24     padding-top:5px;
25 }
26}
27 .co{
28     background:#ccffff;
29     padding:5px;
30 }
31 .col{
32     background:#ccffff;
33     padding:5px;
34 }
35 .coll{
36     background:#ccffff;
37     padding:5px;
38 }
39 .bu{
40     color:red;
41 }
42 .th{
43     background-color:#009900;
44     color:white;
45 }
46 .table{
47     border-color:#009900;
48 }
```

Cascade Style Sheets File length : 573 lines : 48 Ln : 26 Col : 2 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

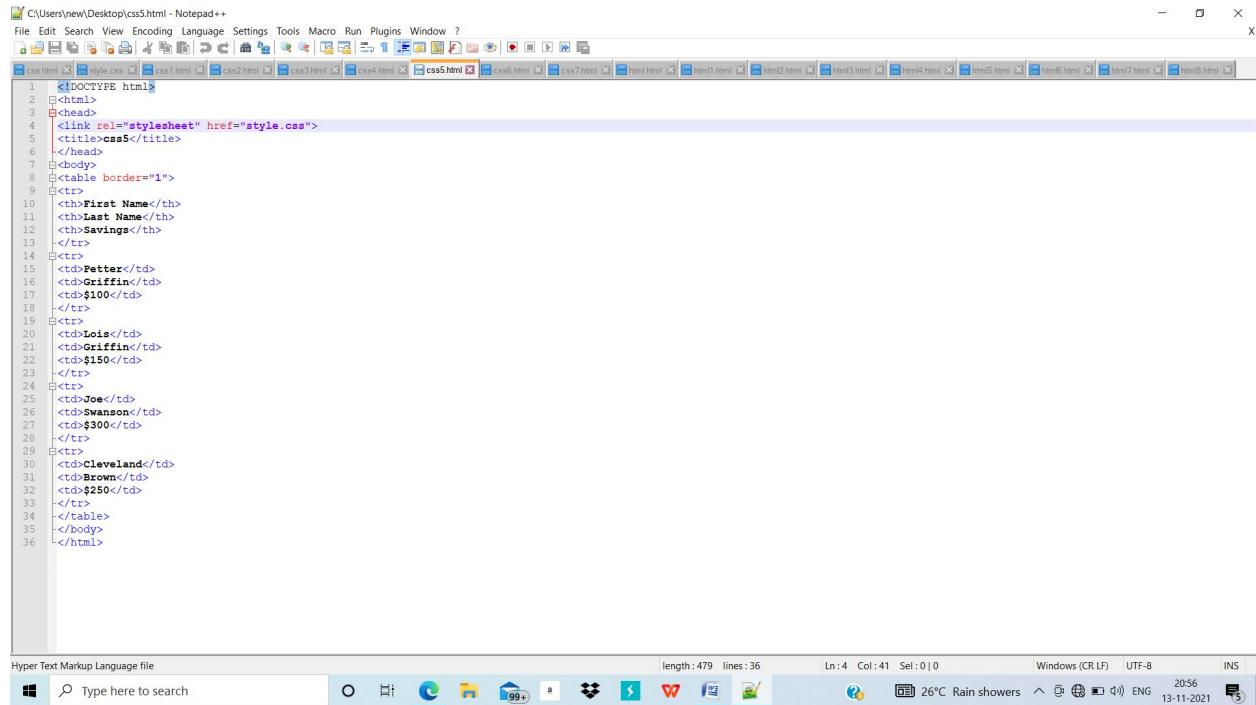
File | C:/Users/new/Desktop/css4.html

First Name	Last Name
Petter	Griffin
Lois	Griffin

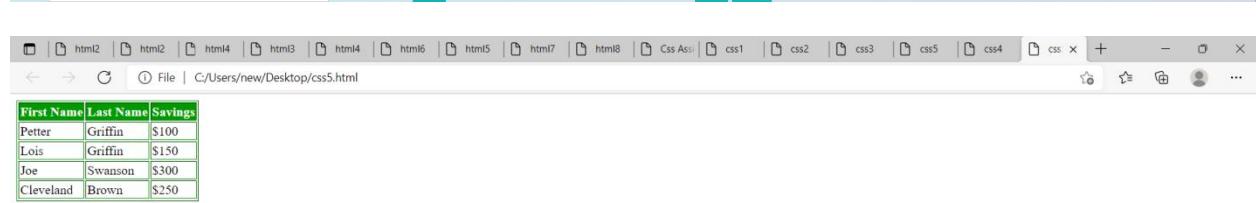
26°C Rain showers 2055 ENG 13-11-2021



## 6.



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <link rel="stylesheet" href="style.css">
5 <title>css5</title>
6 </head>
7 <body>
8 <table border="1">
9 <thead>
10 <th>First Name</th>
11 <th>Last Name</th>
12 <th>Savings</th>
13 </tr>
14 <t>
15 <td>Petter</td>
16 <td>Griffin</td>
17 <td>$100</td>
18 </tr>
19 <t>
20 <td>Lois</td>
21 <td>Griffin</td>
22 <td>$150</td>
23 </tr>
24 <t>
25 <td>Joe</td>
26 <td>Swanson</td>
27 <td>$300</td>
28 </tr>
29 <t>
30 <td>Cleveland</td>
31 <td>Brown</td>
32 <td>$250</td>
33 </tr>
34 </table>
35 </body>
36 </html>
```



7.

C:\Users\new\Desktop\css6.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

css.html style.css css1.html css2.html css3.html css4.html css5.html css6.html css7.html html.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <style>
5 body p{
6 border:1px solid red;
7 padding:5px;
8 outline:5px dotted green;
9 }
10 <title>css6</title>
11 </style>
12 </head>
13 <body>
14 <p><b>Note:</b>IE8 supports the outline properties only if a !DOCTYPE is specified.</p>
15 </body>
16 </html>
```

Hyper Text Markup Language file length: 271 lines: 16 Ln: 8 Col: 26 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

Type here to search 26°C Light rain 08:33 16-11-2021

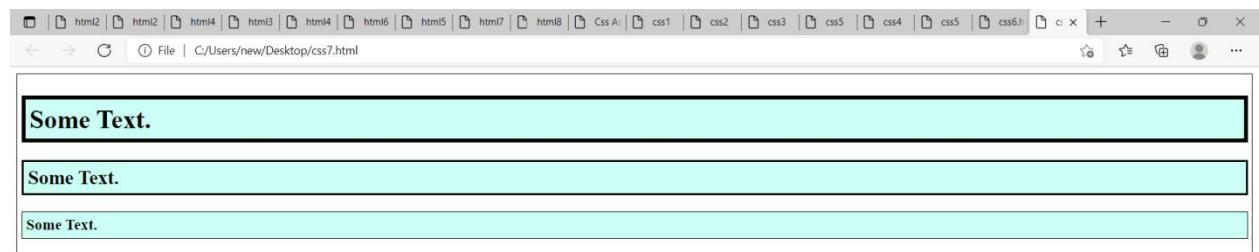


## 8.

C:\Users\new\Desktop\css7.html - Notepad++

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>css7</title>
5   <style>
6     div{
7       border:1px solid;
8       padding:5px;
9     }
10    h1{
11      background-color:#ccffff;
12      border:5px solid black;
13      padding:5px;
14    }
15    h2{
16      background-color:#ccffff;
17      border:3px solid black;
18      padding:5px;
19    }
20    h3{
21      background-color:#ccffff;
22      border:1px solid black;
23      padding:5px;
24    }
25  </style>
26 </head>
27 <body>
28   <div>
29     <h1>Some Text.</h1>
30     <h2>Some Text.</h2>
31     <h3>Some Text.</h3>
32   </div>
33 </body>
34 </html>
```

Hyper Text Markup Language file length:464 lines :35 Ln:35 Col:8 Sel:0|0 Windows (CR LF) UTF-8 INS



## Application Form:

C:\Users\new\Desktop\Applicationform.html - Notepad++

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Application Form</title>
5     <style>
6       div
7       {
8         margin:0px auto;
9         width:70%;
10        padding:30px;
11        font-size:15px;
12        background-color: Gray;
13      }
14      input[type=text],select,input[type=number],textarea,input[type=file],input[type=tel],input[type=email]
15      {
16        width:100%;
17        padding:10px 20px;
18        margin:8px 0;
19        display:inline-block;
20        border:0.5px solid black;
21        box-sizing:border-box;
22        font-size: 12px;
23      }
24      div label
25      {
26        font-size: 20px;
27      }
28      input[type=submit],input[type=reset]
29      {
30        width:100%;
31        background-color: white;
32        color: black;
33        padding: 14px 20px;
34        margin: 8px 0;
35        border: none;
36        border-radius: 4px;
37        cursor:pointer;
38        font-size: 15px;
39      }
40      h1
41      {
42        text-align: center;
43        font-family: Time Romans;
44      }

```

Hyper Text Markup Language file length: 2,705 lines: 109 Ln: 12 Col: 31 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

Type here to search

C:\Users\new\Desktop\Applicationform.html - Notepad++

```
44
45
46 </style>
47 </head>
48 <body>
49   <h1>Job Application Form</h1>
50   <div>
51     <form name="myform" method="post" action="submit.html">
52       <label for="name">Full Name</label>
53       <input type="text" name="name" id="name" placeholder="Enter Full Name" required><br><br>
54       <label for="age">Age*</label>
55       <input type="text" name="age" id="age" min="15" max="10000" placeholder="Enter Age" size="10" required><br><br>
56       <label for="gender">Gender</label>
57       <input type="radio" name="gender" id="male" value="male" >
58       <label for="male">Male</label>
59       <input type="radio" name="gender" id="female" value="female" >
60       <label for="female">Female</label>
61       <input type="radio" name="gender" id="other" value="other" >
62       <label for="other">Other</label><br><br>
63       <label for="contact">Phone No.</label>
64       <input type="tel" pattern="[0-9]{10}" required name="contact" id="contact" ><br><br>
65       <label for="email">Enter your email</label>
66       <input type="email" id="email" name="email" placeholder="Enter Email-Id" required><br><br>
67       <label for="qualification">Qualification</label>
68       <select name="qualification" id="qualification">
69         <option value="select">Select Degree</option>
70         <option value="BTech">BTech</option>
71         <option value="BSC">BSC</option>
72         <option value="MTECH">MTECH</option>
73         <option value="Bpharmacy">Bpharmacy</option>
74         <option value="BCA">BCA</option>
75         <option value="MCA">MCA</option>
76         <option value="ANY OTHER">ANY OTHER</option>
77       </select><br><br>
78       <label for="about">About yourself*</label>
79       <textarea name="about" id="about" rows="4" cols="50" maxlength="250" placeholder="Write About Yourself" ></textarea><br><br>
80       <label for="file">Upload CV</label>
81       <input type="file" name="file" id="file" required><br><br>
82       <button type="reset">Reset</button>
83       <button type="submit">Submit</button>
84     </div>
85   </form>
86 </body>
87 </html>
```

Hyper Text Markup Language file length: 2,705 lines: 109 Ln: 14 Col: 31 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

Type here to search

Job Application Form

Full Name*	<input type="text" value="Enter Full Name"/>
Age*	<input type="text" value="Enter Age"/>
Gender*	<input type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Other
Phone No.*	<input type="text"/>
Enter your email*	<input type="text" value="Enter Email Id"/>
Qualification*	<input type="text" value="Select Degree"/>
About yourself*	<input type="text" value="Write About Yourself"/>

## Tribute page:

```
C:\Users\new\Desktop\tribute.html - Notepad++
```

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

css2.html css3.html css4.html css5.html css6.html css7.html css1.html html1.html html2.html html3.html html4.html html5.html html6.html html7.html html8.html Applicationform.html tribute.html

```
<!DOCTYPE html>
<head>
<link href="style1.css" rel="stylesheet">
</head>
<body>
<h1 id="title"><u>A Small Tribute to A.P.J Abdul Kalam</u></h1><br>
<figure>

<figcaption>
  Former president of india.
</figcaption>
</figure>
<div id="tribute-data">
<h4> History of A.P.J.Abdul kalam.<b><b>
</h4>
<p>Avul Pakir Jainulabdeen Abdul Kalam was born on 15 October 1931 to a Tamil Muslim family in the pilgrimage centre of Rameswaram on Pamban Island, then in the Madras Presidency. He was the youngest of four children. His father, Mohamed Ismail, was a tea vendor, and his mother, Meena, was a housewife. He grew up in a poor family and faced many challenges. He studied at the Government Higher Secondary School in Rameswaram and later at the Government College in Madras. He completed his studies in 1951 and joined the Indian Air Force as a pilot. He served in the Indian Air Force for 21 years, during which he became a test pilot and conducted numerous flights. He retired from the Indian Air Force in 1971 and joined the Indian Space Research Organisation (ISRO) as a scientist. He worked on various projects, including the development of the Polar Satellite Launch Vehicle (PSLV) and the Geosynchronous Satellite Launch Vehicle (GSLV). He was awarded the Padma Bhushan in 1984 and the Padma Vibhushan in 1997. He was also honoured with the Bharat Ratna in 1997. He died on 27 July 2015 at the age of 84. He is remembered for his contributions to science and technology, and for his inspiring leadership.
<br><br>
<div id="link">
  For more information, check out
  <a href="https://en.m.wikipedia.org/wiki/A.P.J.Abdul_kalam"><b>ABDUL KALAM</b></a>
</div>
</body>
</html>
```

Hyper Text Markup Language file length : 2,106 lines : 27 Ln : 7 Col : 49 Sel : 0 | 0 Windows (CR LF) UTF-8 INS



## A Small Tribute to A.P.J Abdul Kalam



Former president of india.

History of A.P.J.Abdul kalam.

Avul Pakir Jainulabdeen Abdul Kalam was born on 15 October 1931 to a Tamil Muslim family in the pilgrimage centre of Rameswaram on Pamban Island, then in the Madras Presidency and now in the State of Tamil Nadu. His father Jainulabdeen Marakayar was a boat owner and imam of a local mosque;<sup>[9]</sup> his mother Ashiamma was a housewife.<sup>[10][11][12][13]</sup> His father owned a ferry that took Hindu pilgrims back and forth between Rameswaram and the now uninhabited Dhanushkodi.<sup>[14][15]</sup> Kalam was the youngest of four brothers and one sister in his family.<sup>[16][17][18]</sup> His ancestors had been wealthy Marakayar traders and landowners, with numerous properties and large tracts of land. Even though his ancestors had been wealthy Marakayar traders, the family had lost most of its fortunes by the 1920s and was poverty-stricken by the time Kalam was born. Marakayar are a Muslim ethnic found in coastal Tamil Nadu and Sri Lanka who claim descent from Arab traders and local women. Their business had involved trading groceries between the mainland and the island and to and from Sri Lanka, as well as ferrying pilgrims between the mainland and Pamban. As a young boy he had to sell newspapers in order to add to the family's meager income. With the opening of the Pamban Bridge to the mainland in 1914, however, the businesses failed and the family fortune and properties were lost over time, apart from the ancestral home.

For more information, check out [ABDUL KALAM](#)



## Technical Documentation:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <link rel="stylesheet" href="style1.css">
```

```
</head>
```

```
<body>
```

```
  <div class="main-body">
```

```
    <nav id="navbar">
```

```
      <header><b>Documentation Menu<b></header><br>
```

```
      <a href="#Intro" class="nav-link">
```

```
        What is C++</a><br><br>
```

```
      <a href="#Object" class="nav-link">
```

Objects and Classes</a><br><br>

<a href="#Inheritance" class="nav-link">  
Inheritance</a><br><br>

<a href="#Polymorphism" class="nav-link">  
Polymorphism</a><br><br>

<a href="#Abstraction" class="nav-link">  
Abstraction</a><br><br>

<a href="#Encapsulation" class="nav-link">  
Encapsulation</a>

</nav>

<main id="main-doc">

<section class="main-section" id="Intro">

<header>

What is C++?

</header>

<p>

C++ is a general purpose programming language and widely used now a days ' for competitive programming. It has imperative, object-oriented and generic programming features. C++ runs on lots of platform like Windows, Linux, Unix, Mac etc.

C++ is an efficient and powerful language and finds wide use in various GUI platforms, 3D graphics and real-time simulations. Because of the

inclusion of rich function libraries,  
working in C++ becomes simpler and  
convenient than C. Being object-oriented  
programming like Java, C++ provides  
the support of inheritance, polymorphism,  
encapsulation, etc. Unlike C, C++ allows  
exception handling and function overloading.

</p>

<p>he “Hello World” program is the first  
step towards learning any programming  
language and also one of the simplest  
programs you will learn. All you have  
to do is display the message “Hello World”  
on the screen.

<br><br>Let us now look at the program :<br>

</p>

<code>

```
#include<iostream>
```

```
<br>
```

```
using namespace std;
```

```
<br>
```

```
int main()
```

```
<br>
```

```
{
```

```
<br>
```

```
cout<<"Hello World";
```

```
<br>
```

```
    return 0;

    <br>

}

</code>

<br>

<p>C++ is an Object Oriented Programming Language.

<br> The main pillars of Object Oriented

Programming are :

</p>

<ul>

<li>Objects and Classes</li>

<li>Inheritance</li>

<li>Polymorphism</li>

<li>Abstraction</li>

<li>Encapsulation</li>

</ul>

</section>
```

```
<section class="main-section" id="Object">

<header>

    Objects and Classes

</header>

<p>

    Object-oriented programming – As the name

    suggests uses objects in programming.

    Object-oriented programming aims to

    implement real-world entities like
```

inheritance, hiding, polymorphism,  
etc in programming. The main  
aim of OOP is to bind together the data  
and the functions that operate on them  
so that no other part of the code can  
access this data except that function.

</p>

<p><b>Object : </b>An Object is an identifiable  
entity with some characteristics and behavior.

An Object is an instance of a Class. When a  
class is defined, no memory is allocated but  
when it is instantiated (i.e. an  
object is created) memory is allocated.

<br>

<b>Class : </b>The building block of C++ that  
leads to Object-Oriented programming is a Class.

It is a user-defined data type, which holds its  
own data members and member functions, which can  
be accessed & used by creating an instance  
of that class. A class is like a blueprint for  
an object. For Example: Consider the Class  
of Cars. There may be many cars with different  
names and brand but all of them will share  
some common properties like all of them will  
have 4 wheels, Speed Limit, Mileage range etc.

So here, Car is the class and wheels,  
speed limits, mileage are their properties.

```
</p>

</section>

<section class="main-section" id="Inheritance">

<header>

    Inheritance

</header>

<p>

    The capability of a class to derive

    properties and characteristics from

    another class is called Inheritance.

    Inheritance is one of the most important

    feature of Object Oriented Programming.

    Sub Class: The class that inherits

    properties from another class

    is called Sub class or Derived Class.

    Super Class: The class whose properties

    are inherited by sub class is called Base

    Class or Super class. Using inheritance, we

    have to write the functions only one time

    instead of three times as we

    have inherited rest of the three classes

    from base class(Vehicle).

</p>

<p>

    <b>Mode of Inheritance :</b><br><br>
```

**<b>Public Mode : </b>**If we derive a sub class from a public base class. Then the public member of the base class will become public in the derived class and protected members of the base class will become protected in derived class.

<br><br>

**<b>Protected Mode : </b>**If we derive a sub class from a Protected base class. Then both public member and protected members of the base class will become protected in derived class.

<br><br>

**<b>Private Mode : </b>**If we derive a sub class from a Private base class. Then both public member and protected members of the base class will become Private in derived class.

<br><br>

**<b>Types of Inheritance in C++ : </b>**  
<br><br><br>  
**<b>Single Inheritance :</b>** In single inheritance, a class is allowed to inherit from only one class. i.e. one sub class is inherited by one base class only.

<br><br>

**<b>Multiple Inheritance :</b>** Multiple

Inheritance is a feature of C++ where a class can inherit from more than one classes. i.e one sub class is inherited from more than one base classes.

<br><br>

**Multilevel Inheritance :** In this type of inheritance, a derived class is created from another derived class.

<br><br>

**Hieratical Inheritance :** In this type of inheritance, more than one sub class is inherited from a single base class i.e. more than one derived class is created from a single base class.

<br><br>

**Hybrid (Virtual) Inheritance :** Hybrid Inheritance is implemented by combining more than one type of inheritance.

For example: Combining Hierarchical inheritance and Multiple Inheritance.

</p>

</section>

<section class="main-section" id="Polymorphism">

<header>

Polymorphism

</header>

<p>

The word polymorphism means having many forms. In simple words, we can define polymorphism as the ability of a message to be displayed in more than one form.

A real-life example of polymorphism, a person at the same time can have different characteristics.

Like a man at the same time is a father, a husband, an employee. So the same person posses different behavior in different situations. This is called polymorphism. Polymorphism is considered as one of the important features of Object Oriented Programming.

<br>

**<b>In C++ polymorphism is mainly divided into two types:</b>**

**<br> 1. Compile time Polymorphism<br>**  
**2. Runtime Polymorphism**

</p>

<p>Compile time polymorphism: This type of polymorphism is achieved by function overloading or operator overloading.

<br> Runtime polymorphism: This type

of polymorphism is achieved by

Function Overriding.

</p>

</section>

<section class="main-section" id="Abstraction">

<header>

Abstraction

</header>

<p>

Data abstraction is one of the most

essential and important feature of object

oriented programming in C++. Abstraction

means displaying only essential information

and hiding the details. Data abstraction

refers to providing only essential information

about the data to the outside world,

hiding the background details or implementation.

<br> Consider a real life example of a man driving

a car. The man only knows that pressing the

accelerators will increase the speed of car

or applying brakes will stop the car but he

does not know about how on pressing accelerator

the speed is actually increasing, he does

not know about the inner mechanism of the car

or the implementation of accelerator, brakes

etc in the car. This is what abstraction is.

</p>

<p>

<b>Abstraction using Classes:</b> We can implement Abstraction in C++ using classes.

Class helps us to group data members and member

functions using available access specifiers. A

Class can decide which data member will be

visible to outside

world and which is not.

<br>

<b>Abstraction in Header files:</b> One more type of abstraction in C++ can be header files. For example, consider the pow() method present in math.h header file.

Whenever we need to calculate power of a

number, we simply call the

function pow() present in the math.h header

file and pass the numbers as arguments

without knowing the underlying algorithm

according to which the function is actually

calculating power of numbers.

<br><br><b>Advantages of Data Abstraction:

</b><br> 1. Helps the user to avoid writing

the low level code.<br> 2. Avoids code

duplication and increases reusability.<br>

3. Can change internal implementation of  
class independently without  
affecting the user.<br> 4. Helps to  
increase security of an application or program  
as only important details are  
provided to the user.

</p>

</section>

<section class="main-section" id="Encapsulation">

<header>

Encapsulation

</header>

<p>

In normal terms Encapsulation is defined

as wrapping up of data and information

under a single unit. In Object Oriented

Programming, Encapsulation is defined as

binding together the data and the functions

that manipulates them. Consider

a real life example

of encapsulation, in a company there are

different sections like the accounts section,

finance section, sales section etc. The finance

section handles all the financial transactions

and keep records of all the data related to

finance.

Similarly the sales section handles all the sales related activities and keep records of all the sales. Now there may arise a situation when for some reason an official from finance section needs all the data about sales in a particular month. In this case, he is not allowed to directly access the data of sales section.

He will first have to contact some other officer in the sales section and then request him to give the particular data. This is what encapsulation is. Here the data of sales section and the employees that can manipulate them are wrapped under a single name “sales section”.

</p>

<p>

Encapsulation also lead to data abstraction or hiding. As using encapsulation also hides the data. In the above example the data of any of the section like sales, finance or accounts is hidden from any other section.<br>

In C++ encapsulation

can be implemented using Class

and access modifiers.

</p>

</section>

</main>

</div>

</body>

</html>

**Output:**

