

ASSIGNMENT - 1

Activity 1: Text formatting and images:

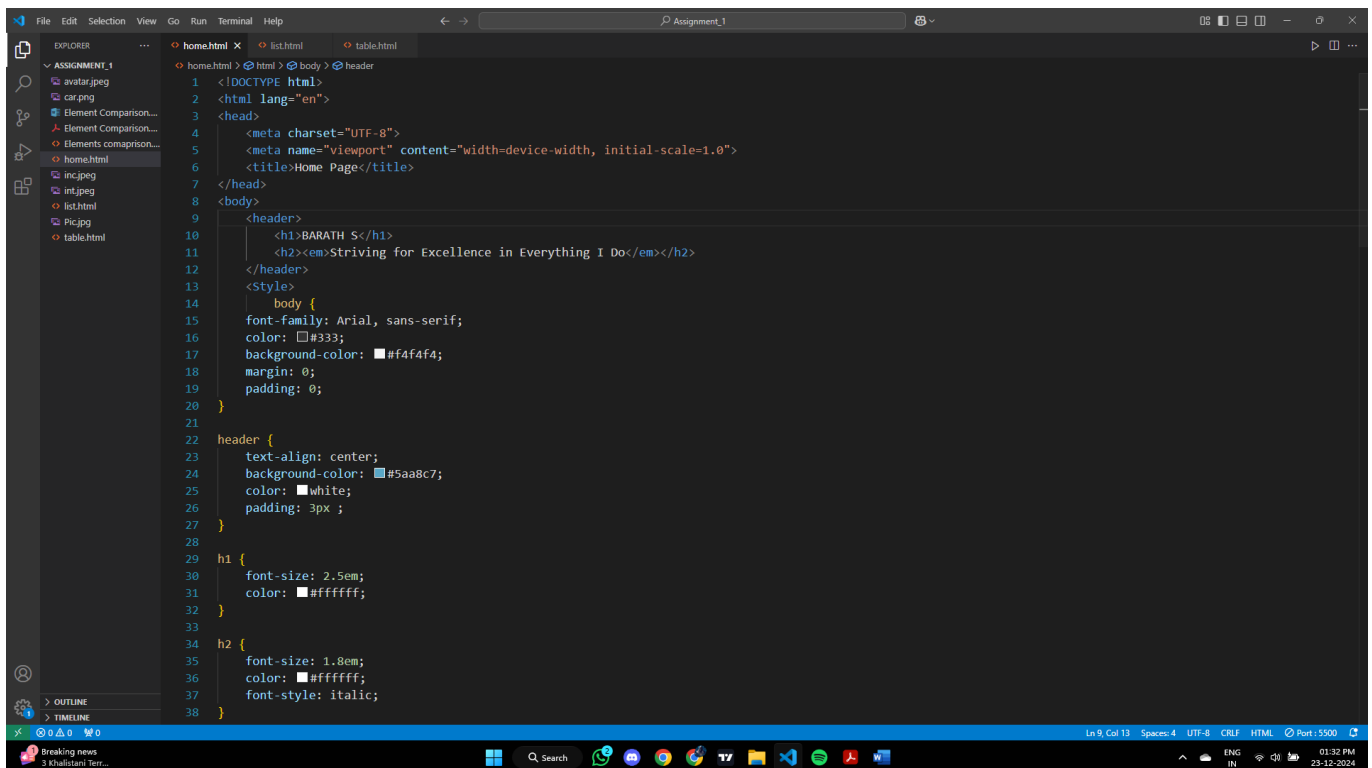
Design a web page "*home.html*" that describes about you and it include all of the following information

- Your name as Heading (use h1) to the webpage and add tagline about you (use h2 and italics).

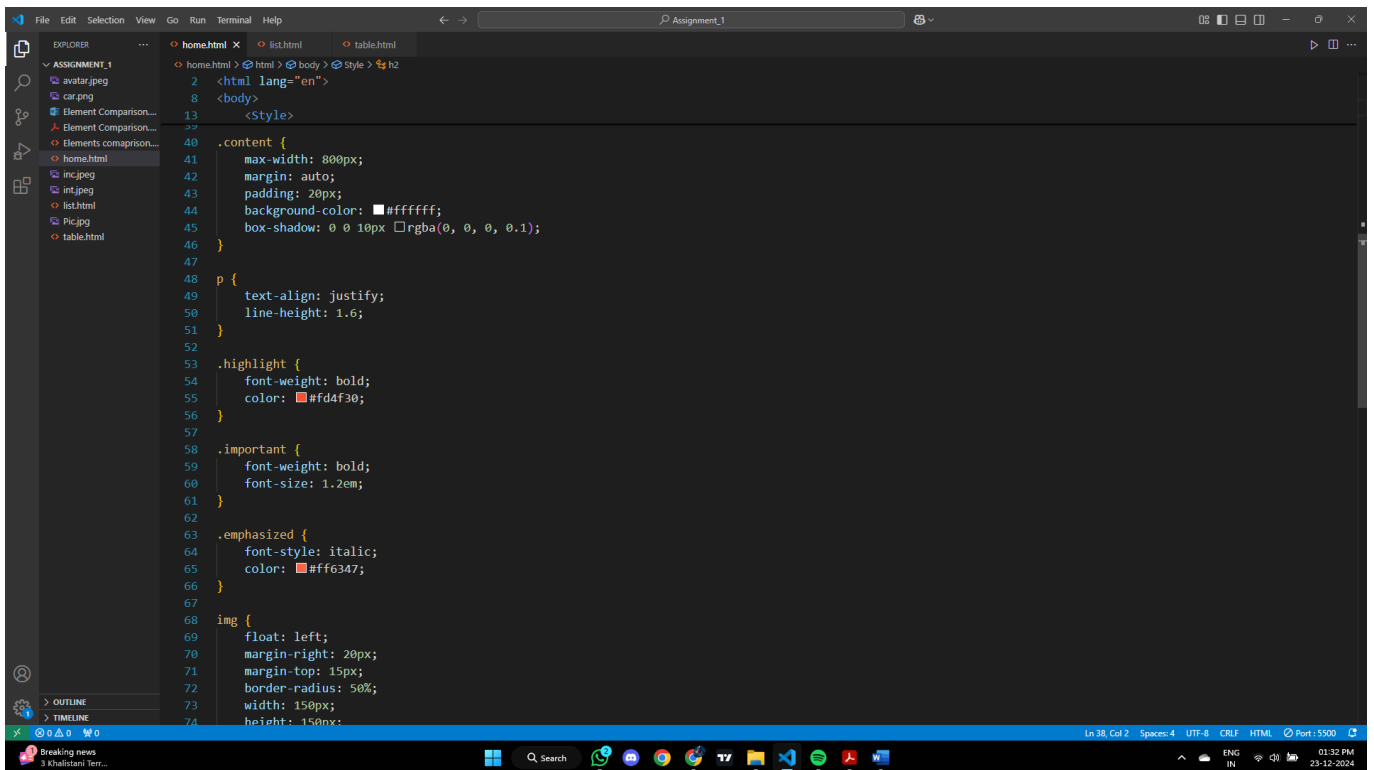
Note: Choose font family and color as per your choice

- A description of yourself in minimum 3 paragraphs and justify the text content
- Highlight the most important word(s) and infer the differences of bold, strong, emphasize.
- Use background colours and text colours appropriately for a good design.
- Add your image in left corner of the first paragraph

CODE:

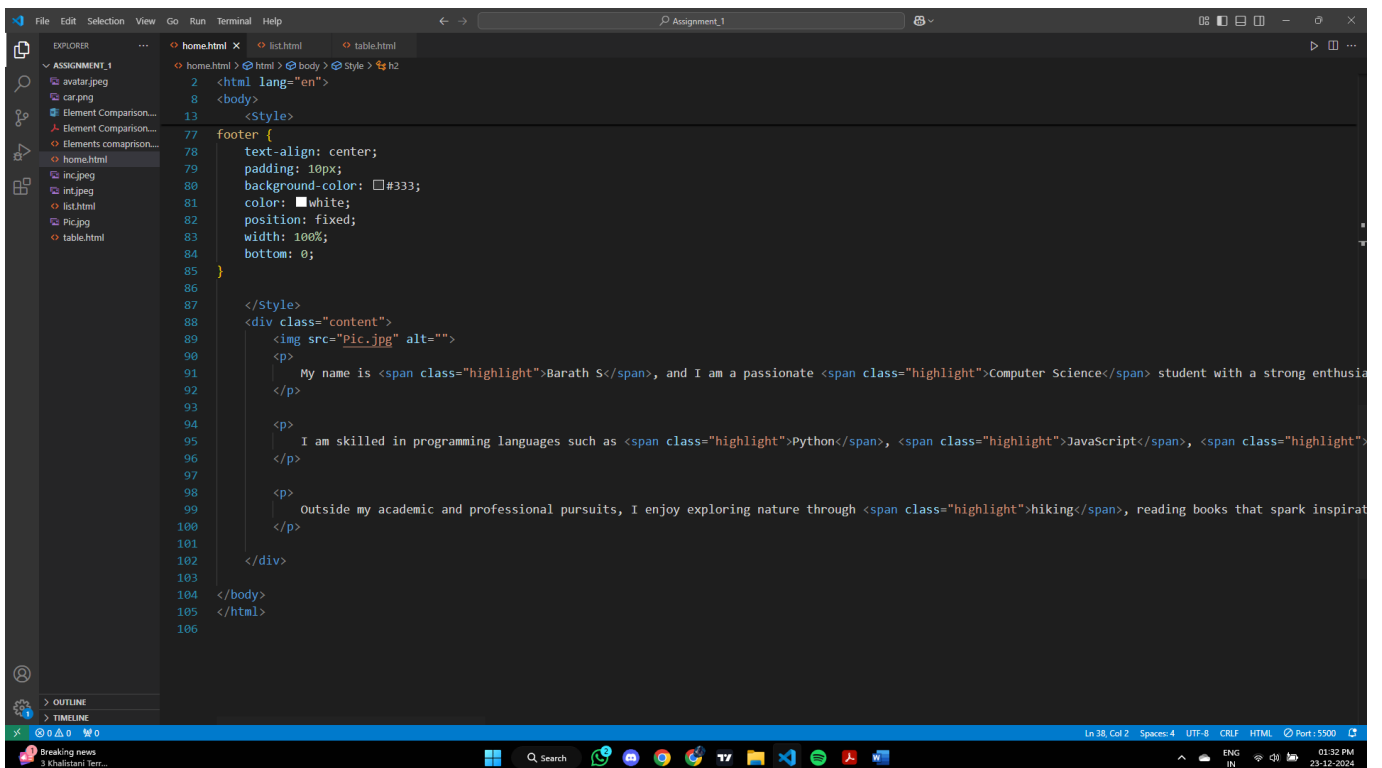


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Home Page</title>
7 </head>
8 <body>
9 <header>
10 <h1>BARATH S</h1>
11 <h2><em>Striving for Excellence in Everything I Do</em></h2>
12 </header>
13 <style>
14 body {
15 font-family: Arial, sans-serif;
16 color: #333;
17 background-color: #f4f4f4;
18 margin: 0;
19 padding: 0;
20 }
21
22 header {
23 text-align: center;
24 background-color: #5aa8c7;
25 color: white;
26 padding: 3px ;
27 }
28
29 h1 {
30 font-size: 2.5em;
31 color: #ffffff;
32 }
33
34 h2 {
35 font-size: 1.8em;
36 color: #ffffff;
37 font-style: italic;
38 }
```



This screenshot shows the VS Code editor with a CSS file open. The Explorer sidebar on the left lists files under 'ASSIGNMENT_1', including 'home.html', 'avatar.jpeg', 'car.png', and several 'Element Comparison...' files. The main editor area displays CSS code for 'home.html'. The code includes a root selector, a .content class, a p class, a .highlight class, a .important class, a .emphasized class, and an img class. The status bar at the bottom indicates 'Ln 38, Col 2, Spaces: 4, UTF-8, CRLF, HTML, Port: 5500'.

```
1 <html lang="en">
2 <body>
3 <style>
4
5 .content {
6     max-width: 800px;
7     margin: auto;
8     padding: 20px;
9     background-color: #ffffff;
10    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
11 }
12
13 p {
14     text-align: justify;
15     line-height: 1.6;
16 }
17
18 .highlight {
19     font-weight: bold;
20     color: #fd4f30;
21 }
22
23 .important {
24     font-weight: bold;
25     font-size: 1.2em;
26 }
27
28 .emphasized {
29     font-style: italic;
30     color: #ff6347;
31 }
32
33 img {
34     float: left;
35     margin-right: 20px;
36     margin-top: 15px;
37     border-radius: 50%;
38     width: 150px;
39     height: 150px;
```



This screenshot shows the VS Code editor with an HTML file open. The Explorer sidebar on the left lists files under 'ASSIGNMENT_1', including 'home.html', 'avatar.jpeg', 'car.png', and several 'Element Comparison...' files. The main editor area displays HTML code for 'home.html'. The code includes a footer section, a content div with an image and paragraphs of text. The status bar at the bottom indicates 'Ln 38, Col 2, Spaces: 4, UTF-8, CRLF, HTML, Port: 5500'.

```
1 <html lang="en">
2 <body>
3 <style>
4
5 .content {
6     max-width: 800px;
7     margin: auto;
8     padding: 20px;
9     background-color: #ffffff;
10    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
11 }
12
13 p {
14     text-align: justify;
15     line-height: 1.6;
16 }
17
18 .highlight {
19     font-weight: bold;
20     color: #fd4f30;
21 }
22
23 .important {
24     font-weight: bold;
25     font-size: 1.2em;
26 }
27
28 .emphasized {
29     font-style: italic;
30     color: #ff6347;
31 }
32
33 img {
34     float: left;
35     margin-right: 20px;
36     margin-top: 15px;
37     border-radius: 50%;
38     width: 150px;
39     height: 150px;
40 }
41
42 footer {
43     text-align: center;
44     padding: 10px;
45     background-color: #333;
46     color: white;
47     position: fixed;
48     width: 100%;
49     bottom: 0;
50 }
51
52 </style>
53 <div class="content">
54     
55     <p>
56         My name is <span class="highlight">Barath S</span>, and I am a passionate <span class="highlight">Computer Science</span> student with a strong enthusia
57     </p>
58     <p>
59         I am skilled in programming languages such as <span class="highlight">Python</span>, <span class="highlight">JavaScript</span>, <span class="highlight">
60     </p>
61     <p>
62         Outside my academic and professional pursuits, I enjoy exploring nature through <span class="highlight">hiking</span>, reading books that spark inspirat
63     </p>
64 </div>
65 </body>
66 </html>
```

OUTPUT:



RESULT:

Hence, the required self-introduction web page created successfully.

Activity 2: List (list.html)

Use appropriate list elements to represent the following data

- List of courses in Winter 2024-2025.
- List the programming languages and provide rating yourself out of 10.
- Add reviews or book summary of your 3 favourite movies/books/TV shows/ music concert.

CODE:

The screenshot shows the Visual Studio Code interface with the following details:

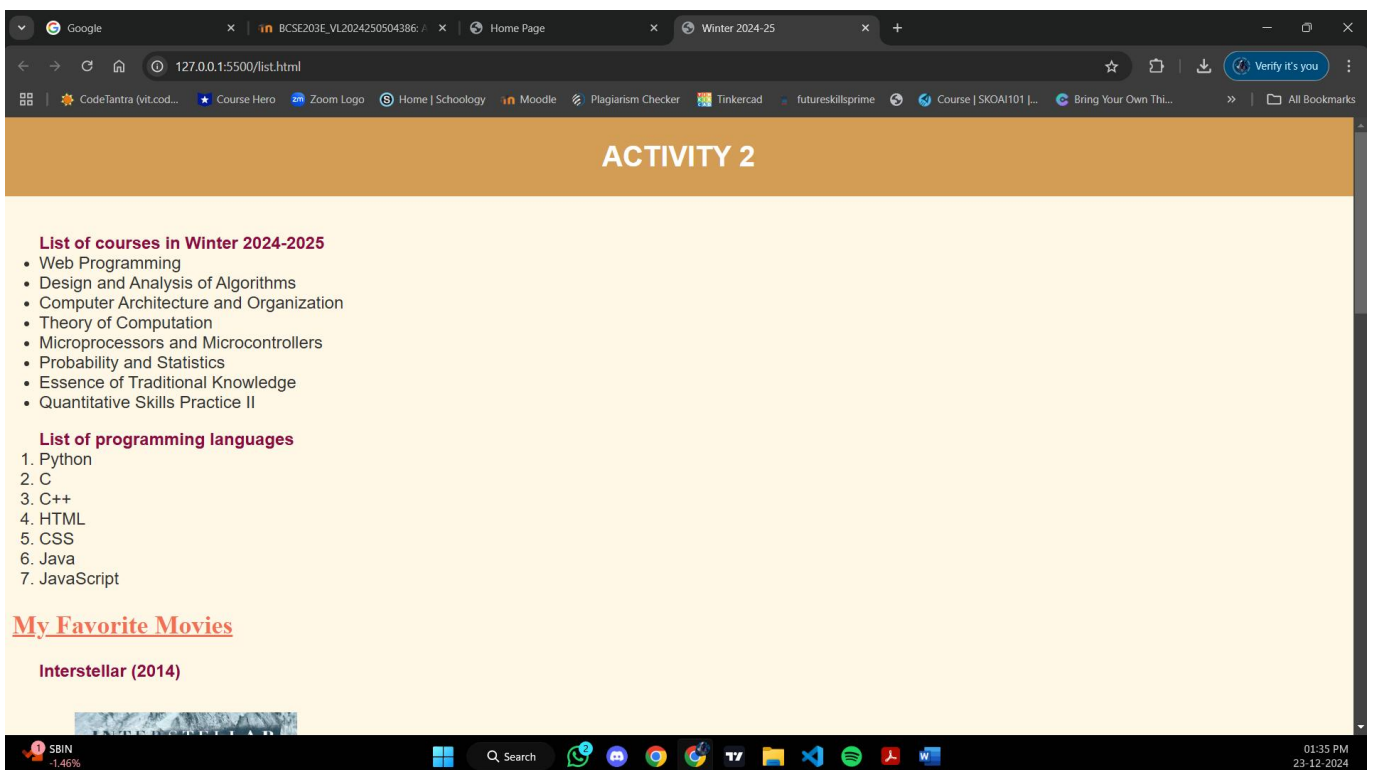
- Explorer Sidebar:** Contains a file tree under "ASSIGNMENT_1". Files include "avtar.jpeg", "car.png", "Element Comparison...", "Elements.comparison...", "home.html", "incjpeg", "int.jpeg", "ist.html" (selected), "pic.jpg", and "table.html".
- Main Editor:** Displays the source code for "ist.html".

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Winter 2024-25</title>
7 
8 </head>
9 <body>
10   <style>
11     body {
12       font-family: Arial, sans-serif;
13       color: #333;
14       background-color: #FFF8E6;
15       margin: 0;
16       padding: 0;
17     }
18 
19     header {
20       text-align: center;
21       background-color: #D39D55;
22       color: white;
23       padding: 5px ;
24       font-weight: bold;
25     }
26 
27     dl{
28       margin-left: 40px;
29     }
30 
31     h2{
32       margin-left: 10px;
33       color: rgba(243, 86, 59, 0.849);
34       font-weight: bolder;
35       font-family: 'Times New Roman', Times, serif;
36     }
37 
38     .col{
39       color: #8D0B41;
```
- Status Bar:** Shows "Ln 14, Col 31 | Spaces: 4 | UTF-8 | CRLF | HTML | Port: 5500".
- Bottom Panel:** Includes a taskbar with icons for File Explorer, Search, Run and Debug, Extensions, Output, Timeline, and a system tray at the bottom.

[illegible]

```
File Edit Selection View Go Run Terminal Help
Assignment_1
EXPLORER
ASSIGNMENT_1
  avatar.jpeg
  car.png
  Element Comparison...
  Element Comparison...
  Elements comparison...
  home.html
  inc.jpeg
  int.jpeg
  list.html
  Pic.jpg
  table.html
list.html
1 <html lang="en">
2 <body>
9 </body>
52 <div style="font-size: larger;">
75 </div>
76
77 <div style="font-size: larger;">
78 <h2><u><strong>My Favorite Movies</strong></u></h2>
79 <dl>
80
81 <dt class="col"><strong>Interstellar (2014)</strong></dt>
82 
83 <dd><strong>Director:</strong> Christopher Nolan</dd>
84 <dd><strong>Cast:</strong> Matthew McConaughey, Anne Hathaway, Jessica Chastain</dd>
85 <dd><strong>Genre:</strong> Science Fiction, Drama</dd>
86 <dd><strong>Plot:</strong> Set in a near-future Earth, facing environmental collapse. A group of astronauts, led by Cooper (McConaughey), journey th
87 <dd><strong>Notable Features:</strong> Breathtaking visual effects of space and time dilation, Hans Zimmer's iconic score, and philosophical explor
88 <br>
89 <dt class="col"><strong>Inception (2010)</strong></dt>
90 
91 <dd><strong>Director:</strong> Christopher Nolan</dd>
92 <dd><strong>Cast:</strong> Leonardo DiCaprio, Joseph Gordon-Levitt, Ellen Page</dd>
93 <dd><strong>Genre:</strong> Science Fiction, Thriller</dd>
94 <dd><strong>Plot:</strong> Dom Cobb (DiCaprio), a skilled thief who specializes in entering people's dreams to steal secrets, is tasked with planti
95 <dd><strong>Notable Features:</strong> Mind-bending dream layers, thrilling action sequences (like the zero-gravity fight), and a complex narrative
96 <br>
97 <dt class="col"><strong>Avatar (2009)</strong></dt>
98 
99 <dd><strong>Director:</strong> James Cameron</dd>
100 <dd><strong>Cast:</strong> Sam Worthington, Zoe Saldana, Sigourney Weaver</dd>
101 <dd><strong>Genre:</strong> Science Fiction, Adventure</dd>
102 <dd><strong>Plot:</strong> Set on the alien planet of Pandora, "Avatar" follows Jake Sully (Worthington), a paraplegic former Marine who joins the A
103 <dd><strong>Notable Features:</strong> Revolutionary 3D and visual effects, world-building of Pandora, themes of environmentalism and colonialism, a
104 </dl>
105 </div>
106 </body>
107 </html>
OUTLINE
TIMELINE
Ln 37, Col 6 Spacing: 4 UTF-8 CRLF HTML Port: 5500
500875 +1.81%
```

OUTPUT:



Google

BCSE203E_VL2024250504386: /

Home Page

Winter 2024-25

+

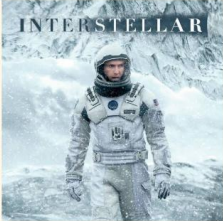
127.0.0.1:5500/list.html

Verify it's you

CodeTanta (vit.cod...) Course Hero Zoom Logo Home | Schoology Moodle Plagiarism Checker Tinkercad futureskillsprime Course | SKDA1011 Bring Your Own Thi... All Bookmarks


My Favorite Movies

Interstellar (2014)



Director: Christopher Nolan
Cast: Matthew McConaughey, Anne Hathaway, Jessica Chastain
Genre: Science Fiction, Drama
Plot: Set in a near-future Earth, facing environmental collapse. A group of astronauts, led by Cooper (McConaughey), journey through a wormhole in search of a new habitable planet for humanity. Themes of love, time, sacrifice, and survival are central to the story. The film incorporates real scientific theories, particularly about black holes and relativity. Stunning visual effects, especially the depiction of space and distant planets, along with Hans Zimmer's haunting score, elevate the emotional depth of the film.
Notable Features: Breathtaking visual effects of space and time dilation, Hans Zimmer's iconic score, and philosophical exploration of love transcending time.

Inception (2010)



SBIN -1.46%

Search

TV

01:35 PM 23-12-2024

Google

BCSE203E_VL2024250504386: /

Home Page

Winter 2024-25

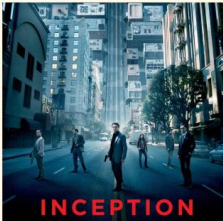
+

127.0.0.1:5500/list.html

Verify it's you


CodeTanta (vit.cod...) Course Hero Zoom Logo Home | Schoology Moodle Plagiarism Checker Tinkercad futureskillsprime Course | SKDA1011 Bring Your Own Thi... All Bookmarks

Inception (2010)



Director: Christopher Nolan
Cast: Leonardo DiCaprio, Joseph Gordon-Levitt, Ellen Page
Genre: Science Fiction, Thriller
Plot: Dom Cobb (DiCaprio), a skilled thief who specializes in entering people's dreams to steal secrets, is tasked with planting an idea into someone's subconscious in a process known as "inception." The film explores the complex layers of dreams and reality, challenging the audience's perception of time and consciousness. The storyline is a philosophical exploration of grief, guilt, and the nature of reality, while also delivering thrilling action sequences.
Notable Features: Mind-bending dream layers, thrilling action sequences (like the zero-gravity fight), and a complex narrative structure that blurs the lines between reality and dream.

Avatar (2009)



SBIN -1.46%

Search

TV

01:35 PM 23-12-2024

Avatar (2009)



Director: James Cameron

Cast: Sam Worthington, Zoe Saldana, Sigourney Weaver

Genre: Science Fiction, Adventure

Plot: Set on the alien planet of Pandora, "Avatar" follows Jake Sully (Worthington), a paraplegic former Marine who joins the Avatar Program. Using an avatar to control a Na'vi body, Jake immerses himself in the world of the indigenous Na'vi people. As he becomes more deeply connected with their culture and environment, he must decide whether to side with the human invaders exploiting the planet or fight to protect the Na'vi from destruction.

Notable Features: Revolutionary 3D and visual effects, world-building of Pandora, themes of environmentalism and colonialism, and the relationship between Jake and Neytiri (Saldana).



RESULT:

Hence, the required webpage have been successfully designed.

Activity 3: Tables and Hyperlinks (table.html)

Use the tables as depicts in the following figure

Aim: Design a web page which depicts in the following figure

r1c1	r1c3	r1c4	r1c5
	r2c3		
r3c1		r3c4	r3c6
r4c1	r4c2	r4c4	r4c5
r5c1	r5c3	r6c4	r5c5

HTML Tags need to be used:

Tags used	Attributes
<table>	border, rowspan, colspan, align=center/left/right, cellpadding=, cellspacing=
<tr>	
<td>	bg-color
<th>	
<caption>	
	color, face, size

- r1c1 – include any images of your choice
- r1c3, r5c1, r4c1, r4c2- shades with your favourite color
- r1c4, r5c3, r6c4, r5c5- include your positive affirmations (use font family, color, formatting as per choice)
- r3c1- provide links to "home.html"
- r2c3- Email as hyperlinks
- r3c4- image as hyperlinks

CODE:

```
File Edit Selection View Go Run Terminal Help
Assignment_1
EXPLORER
  ASSIGN...
  avatar.jpeg
  car.png
  Element Comparison...
  Elements comparison...
  home.html
  inc.jpeg
  int.jpeg
  list.html
  pic.jpg
  table.html
  table.html x
table.html > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7
8 </head>
9 <body>
10
11 <style>
12   table,td,tr
13   {
14     width: 325px;
15     height: 20px;
16     border-collapse: collapse;
17     text-align: left;
18     border: solid black 2px;
19     vertical-align: top;
20   }
21
22   img{
23     width: 100px;
24     vertical-align: middle;
25   }
26
27   h2{
28     text-align: center;
29     color: #792ca5;
30     text-decoration: underline;
31   }
32 </style>
33 <h2>Activity 3 - Table</h2>
34 <div>
35   <table>
36     <tbody>
37       <tr>
38         <td rowspan="2" colspan="2"></td>
39         <td style="background-color: lightblue;">r1c3</td>
40       </tr>
41     </tbody>
42   </table>
43 </div>
44 </body>
45 </html>
```

```
File Edit Selection View Go Run Terminal Help
Assignment_1
EXPLORER
  ASSIGN...
  avatar.jpeg
  car.png
  Element Comparison...
  Elements comparison...
  home.html
  inc.jpeg
  int.jpeg
  list.html
  pic.jpg
  table.html
  table.html x
table.html > html > body
2 <html lang="en">
9 <body>
33 <div>
34 <table>
35 <tbody>
36 <tr>
37 <td rowspan="2" colspan="2">I am successful</td>
38 <td colspan="2" rowspan="2">r1c5</td>
39 </tr>
40 <tr>
41 <td rowspan="2"><a style="font-size: small;" href="https://accounts.google.com/v3/signin/identifier?authuser=0&continue=https%3A%2F%2Fmail.google.com/mail/u/0/?ui=2">Google</a>
42 </td>
43 <td colspan="2"><a href="home.html" target="_blank">Home.html</a></td>
44 </tr>
45 <tr>
46 <td colspan="2"><a href="https://media.cnn.com/api/v1/images/stellar/prod/220317092717-03-f1-season-preview-2022.jpg?c=16x9&q=h_833,w_1488,c_fit">CNN</a>
47 <td colspan="2"><a href="https://www.bbc.com/news/health-61821111">BBC</a>
48 </tr>
49 <tr>
50 <td style="background-color: rgb(230, 182, 173);">r4c1</td>
51 <td colspan="2" style="background-color: rgb(175, 230, 173);">r4c2</td>
52 <td rowspan="2">r4c4</td>
53 <td colspan="2">Today will be a productive day</td>
54 </tr>
55 <tr>
56 <td rowspan="2" colspan="2" style="background-color: rgb(195, 173, 230);">r5c1</td>
57 <td rowspan="2">I wake up motivated</td>
58 <td rowspan="2" colspan="2">r5c5</td>
59 </tr>
60 <tr>
61 <td colspan="2">I am filled with focus</td>
62 </tr>
63 </tbody>
64 </table>
65 </div>
66 <br>
67
68 </body>
69
70 </html>
```

RESULT:

Hence, the required webpage have been successfully designed.