

ASSIGNMENT – 2A

Activity 9:

For activity #9, you must re -create a new version of the Web site you created for Assignment 1A (activity #1), only this time you must use only CSS to achieve the same design.

- Include heading h1 should be of size 16 and highlights with color of your choice
- Sub heading for each paragraph using h2 and all sub headings should be of size 14 and color “green”
- Use different font family for all three paragraphs and should be font-size 12.
- All the paragraph contents should be aligned with justify.
- Use div element to differentiate each paragraph. (Hint: use background-color)
- Apply vertical text of your choice.
- Display the overflowed content when hovering over the element.
- Display your image as rounded images and create drop-shadow effect to an image.
- Use the border property to create thumbnail images.

Note: Include your CSS style as a container

Aim:

To recreate the website design from Assignment 1A using only CSS, focusing on styling headings, paragraphs, and images, applying alignment, background colors, vertical text, hover effects, and advanced image customization techniques.

HTML and CSS Tags need to be used:

HTML Tags	HTML Attributes	CSS Style Selectors	CSS Style Properties
<!DOCTYPE>	lang="en"	body	font-family, color, background-color, margin, padding
<html>	lang="en"	header	text-align, background-color, color, padding
<head>	charset="UTF-8", name="viewport", content="..."	h1	font-size, color
<meta>	charset, name, content	h2	font-size, color, font-style
<title>	None	.content	max-width, margin, padding, background-color, box-shadow
<style>	None	p	text-align, line-height

HTML Tags	HTML Attributes	CSS Style Selectors	CSS Style Properties
<body>	None	.para1, .para2, .para3	font-family
<header>	None	.highlight	font-weight, color
<h1>	None	.important	font-weight, font-size
<h2>	None	.emphasized	font-style, color
<div>	style="background-color: ..."	img	float, margin-right, margin-top, border-radius, width, height, border, box-shadow
<p>	class="para1", class="para2", class="para3"	footer	text-align, padding, background-color, color, position, width, bottom
	src="Pic.jpg", alt="Error loading the image"	Inline style attributes	background-color, font-family in div tags for paragraphs; CSS inside <style> applies to classes and tags directly.
<footer>	None	Inline div	Each div has inline styles (background-color) applied for paragraph separation.

Code:

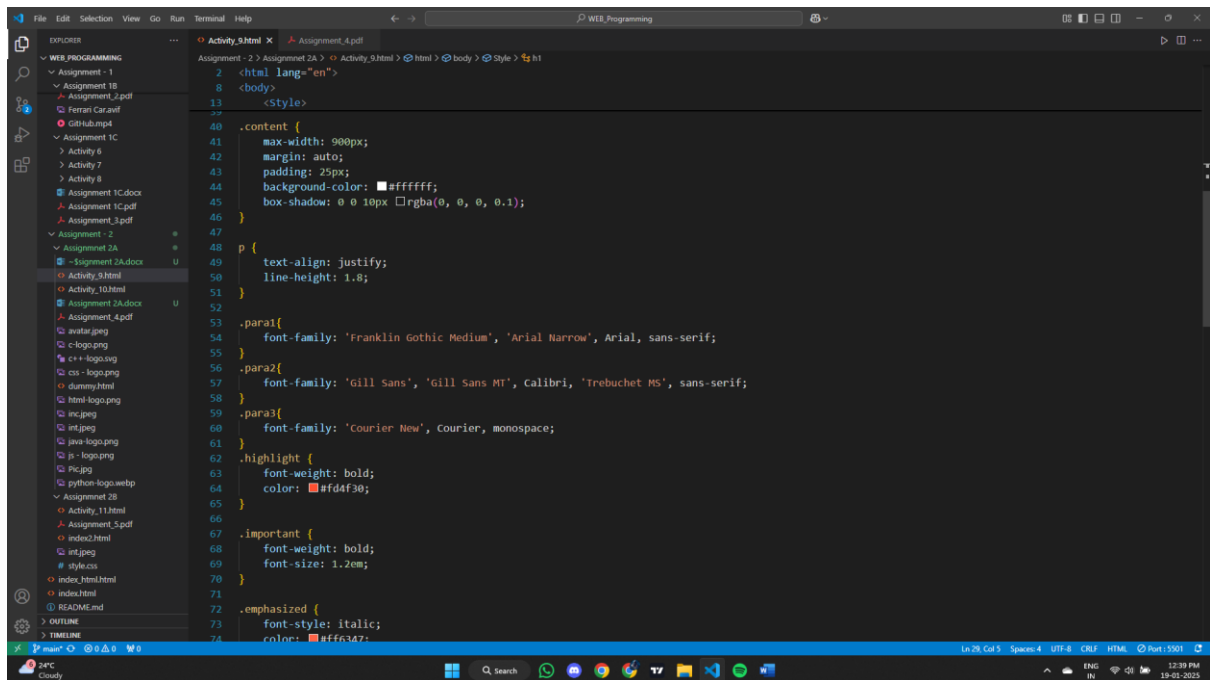
The screenshot displays the Visual Studio Code interface with a project named "WEB_Programming". The Explorer sidebar on the left contains a file tree with folders for assignments and individual files including HTML documents, PDFs, and images. The main editor window shows the source code for "Activity_3.html".

```

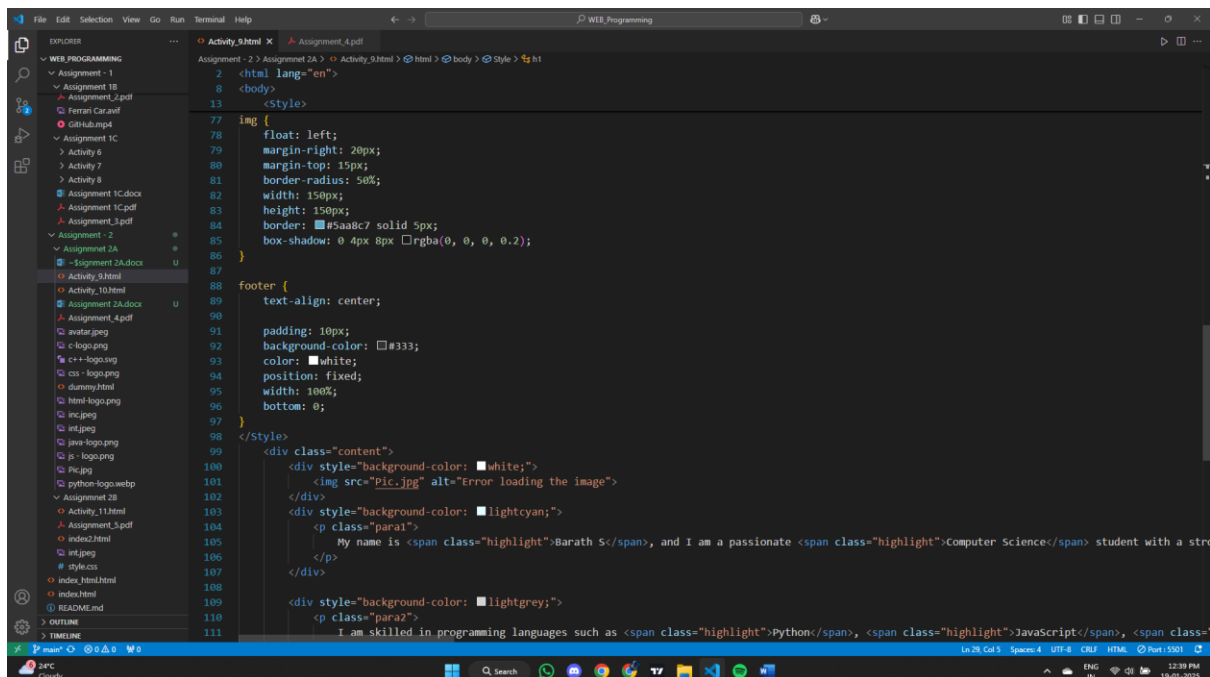
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Home Page</title>
7 </head>
8 <body>
9   <header>
10     <h1>BARATH S</h1>
11     <h2><em>Striving for Excellence in Everything I Do</em></h2>
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: 16px;
31      color: #ffffff;
32    }
33
34    h2 {
35      font-size: 14px;
36      color: #ffffff;
37      font-style: italic;
38    }

```

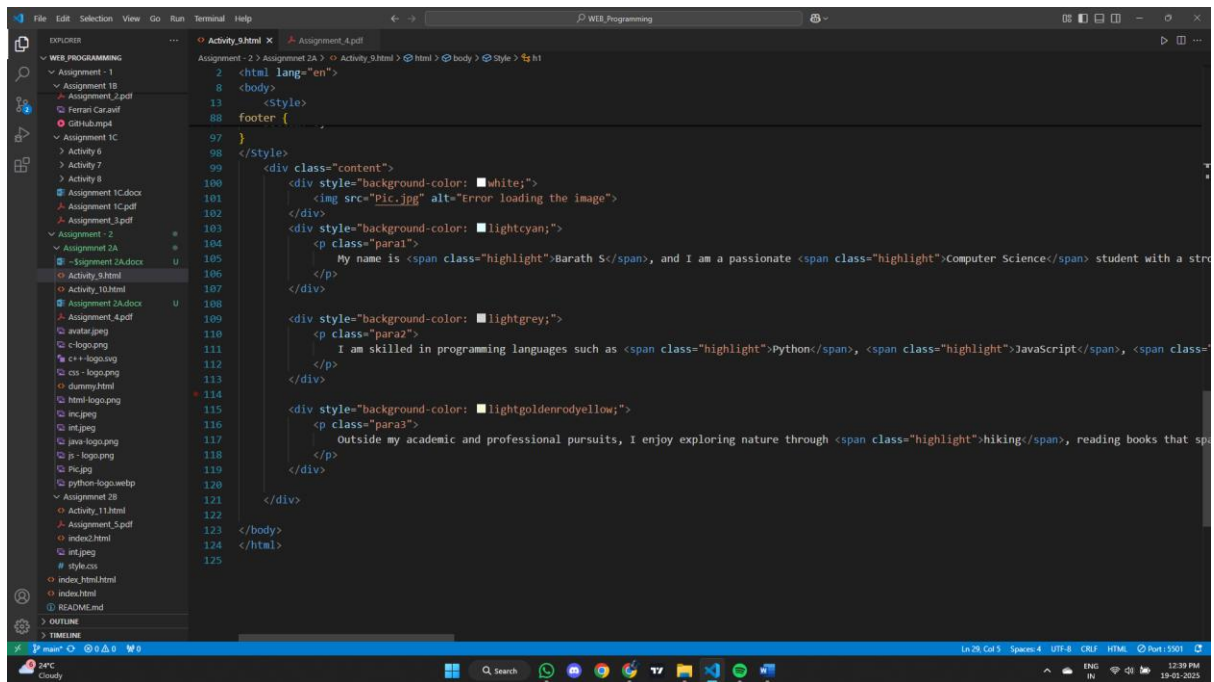
The status bar at the bottom indicates the current position in the document: Line 29, Column 5, Spaces 4, UTF-8 encoding, CRLF line endings, and HTML document type.



```
2 <html lang="en">
8 <body>
13 <style>
40 .content {
41     max-width: 900px;
42     margin: auto;
43     padding: 25px;
44     background-color: #ffffff;
45     box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
46 }
47
48
49 p {
50     text-align: justify;
51     line-height: 1.8;
52 }
53
54 .para1 {
55     font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
56 }
57 .para2 {
58     font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
59 }
60 .para3 {
61     font-family: 'Courier New', Courier, monospace;
62 }
63 .highlight {
64     font-weight: bold;
65     color: #f44336;
66 }
67 .important {
68     font-weight: bold;
69     font-size: 1.2em;
70 }
71
72 .emphasized {
73     font-style: italic;
74     color: #ff5722;
```

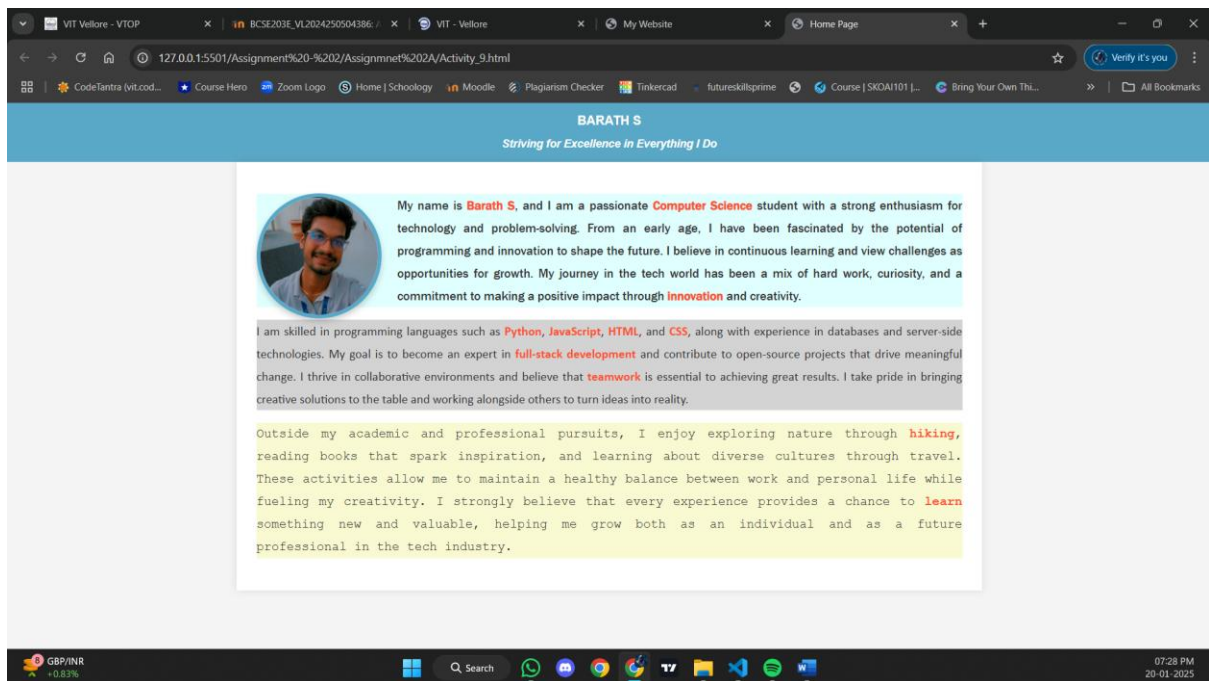


```
77 img {
78     float: left;
79     margin-right: 20px;
80     margin-top: 15px;
81     border-radius: 50%;
82     width: 150px;
83     height: 150px;
84     border: 2px solid #5aa8c7;
85     box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
86 }
87
88 footer {
89     text-align: center;
90
91     padding: 10px;
92     background-color: #f3f3f3;
93     color: white;
94     position: fixed;
95     width: 100%;
96     bottom: 0;
97 }
98 </style>
99 <div class="content">
100     <div style="background-color: white;">
101         
102     </div>
103     <div style="background-color: lightcyan;">
104         <p class="para1">
105             My name is <span class="highlight">Barath S</span>, and I am a passionate <span class="highlight">Computer Science</span> student with a str
106         </p>
107     </div>
108
109     <div style="background-color: lightgrey;">
110         <p class="para2">
111             I am skilled in programming languages such as <span class="highlight">Python</span>, <span class="highlight">JavaScript</span>, <span class="highlight">Java</span>
```



```
1 <html lang="en">
2 <body>
3   <div class="header">
4     <h1>
5       <div class="content">
6         <div style="background-color: white;">
7           
8         </div>
9         <div style="background-color: lightcyan;">
10          <p class="para1">
11            My name is <span class="highlight">Barath S</span>, and I am a passionate <span class="highlight">Computer Science</span> student with a str
12          </p>
13        </div>
14        <div style="background-color: lightgrey;">
15          <p class="para2">
16            I am skilled in programming languages such as <span class="highlight">Python</span>, <span class="highlight">JavaScript</span>, <span class="
17          </p>
18        </div>
19        <div style="background-color: lightgoldenrodyellow;">
20          <p class="para3">
21            Outside my academic and professional pursuits, I enjoy exploring nature through <span class="highlight">hiking</span>, reading books that sp
22          </p>
23        </div>
24      </div>
25    </div>
26  </body>
27 </html>
```

Output:



Result:

Thus, a web page design to replicate the above table and the output was verified

Activity 10:

For activity #10, you must re -create a new version of the Web site you created for Assignment 1A (activity #2), only this time you must use only CSS to achieve the same design.

- List of courses in Winter 2024-2025.
 - Differentiate theory and lab classes with colors, font
- List the programming languages and provide rating yourself out of 10.
 - Use image as a list item marker (Hint: Clipart / Logo can be used)
- Add reviews or book summary of your 3 favourite movies/books/TV shows/ music concert. (Apply any style of your choice)

Note: Include your CSS style as an attribute and use minimum any two selector of your choice

Aim:

To recreate a website design from Assignment 1A using only CSS, incorporating a list of courses for Winter 2024-2025 with differentiated theory and lab classes, a list of programming languages with self-ratings, and reviews or summaries for three favorite movies/books/TV shows/music concerts. The design should demonstrate proficiency in CSS by applying a minimum of two selectors and style attributes to achieve a visually appealing and functional website.

HTML tags, HTML attributes, CSS style selectors, and CSS style properties used:

HTML Tags Used	HTML Attributes	CSS Style Selectors	CSS Style Properties
<!DOCTYPE html>	lang (in <html>)	body	font-family, color, background-color, margin, padding
<html>	charset, viewport (in <meta>)	header, footer	text-align, background-color, color, padding, font-size, font-weight
<head>	charset, name, content (in <meta>)	h2	color, font-weight, font-family, text-decoration, margin-bottom
<meta>	charset, name, content	.course-list, .language-list	font-size, margin-left, line-height
<title>		.course-list b	color
<body>		.theory	color, font-weight
<header>		.lab	color, font-weight
<footer>		.language-list	list-style, padding-left
<h1>, <h2>, <dt>, <dd>		.language-list li	margin-bottom, display, align-items, font-size, border-radius, border
, 		.rating	color, font-weight

HTML Tags Used	HTML Attributes	CSS Style Selectors	CSS Style Properties
		.movie-title, .movie-description	font-size, font-weight, color, text-transform, font-style
	src, alt, width, height	.movie-info	font-size, font-weight, color
<div>, <section>, <footer>		.image	width, height, object-fit, box-shadow, margin-top, margin-bottom
<dl>, <dt>, <dd>		.movie-reviews	margin-left
</body>, </html>			

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>Winter 2024-25</title>
7 <style>
8
9     body {
10         font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
11         color: #2e3192;
12         background-color: #f4f4f4;
13         margin: 0;
14         padding: 0;
15     }
16
17     header, footer {
18         text-align: center;
19         background-color: #2e3192;
20         color: white;
21         padding: 5px;
22         font-size: 20px;
23         font-weight: bold;
24         box-shadow: 0 4px 0px #2e3192;
25     }
26
27     h2 {
28         color: #2e3192;
29         font-weight: 600;
30         font-family: 'Georgia', serif;
31         text-decoration: underline;
32         margin-bottom: 20px;
33     }
34
35     .course-list, .language-list {
36         font-size: 1.2em;
37         margin-left: 40px;
38         line-height: 1.8;
39     }

```

```

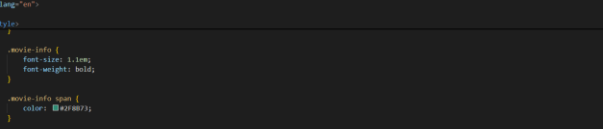
40
41     .course-list li {
42         color: #2e3192;
43     }
44
45     .theory {
46         color: #2e3192;
47         font-weight: bold;
48     }
49
50     .lab {
51         color: #2e3192;
52         font-weight: bold;
53     }
54
55     .language-list {
56         list-style: none;
57         padding-left: 0;
58     }
59
60     .language-list li {
61         margin-bottom: 15px;
62         display: flex;
63         align-items: center;
64         font-size: 1.2em;
65     }
66
67     .language-list li img {
68         width: 50px;
69         height: 50px;
70         margin-right: 15px;
71         border-radius: 50%;
72         border: 2px solid #2e3192;
73         padding: 5px;
74         transition: transform 0.3s ease;
75     }

```

Name: S BARATH
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```

1  // Activity_Splash
2  Assignment 2.7 Assignment 2.7 Activity_Splash | text | head | style | move description
3  class Lang="en"
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```
File Edit View Dev Tools index.html
index.html
http://localhost:5173/
Winter 2024-25
Course List

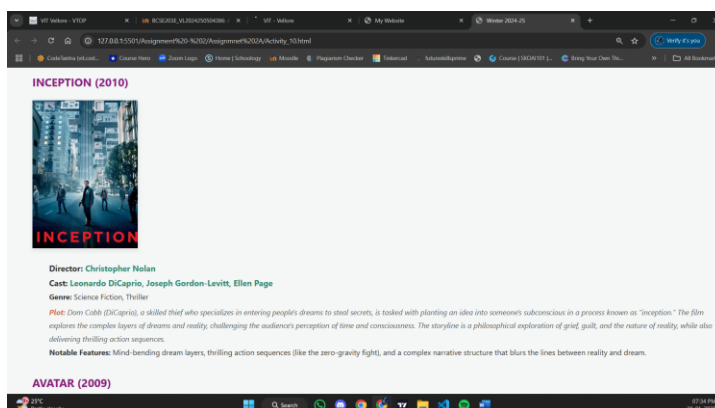
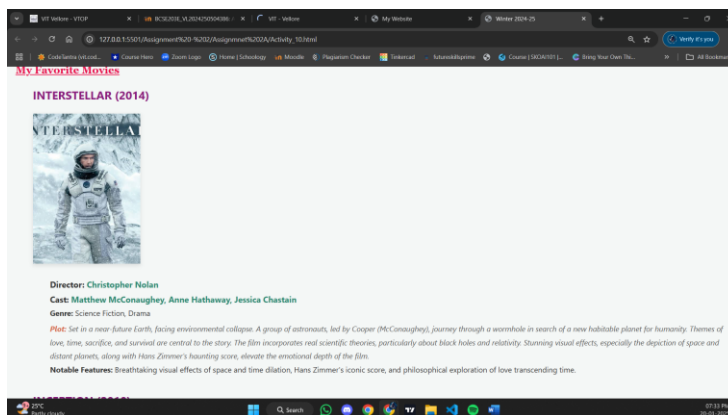
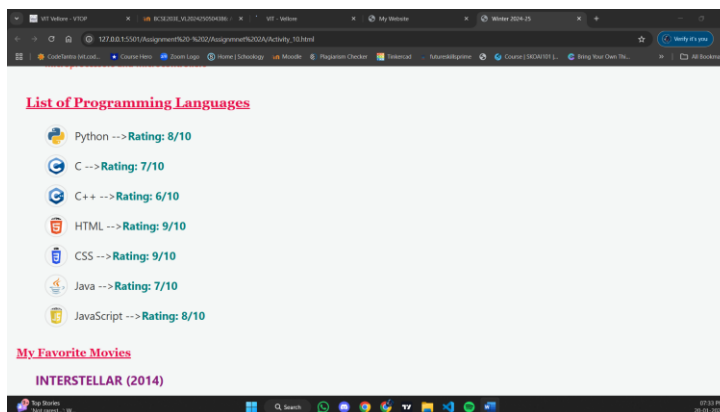
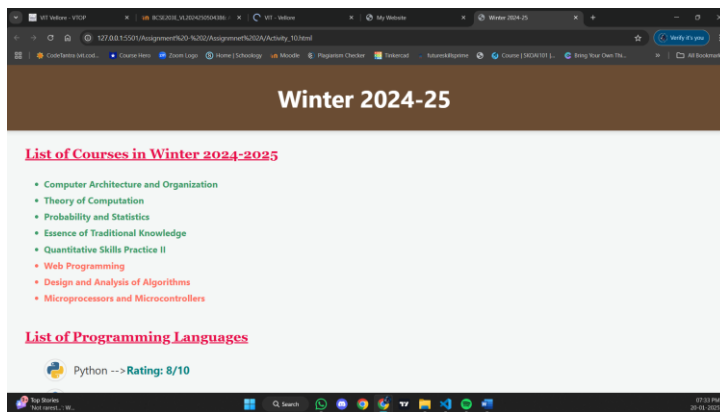

| id | name                                  | credits |
|----|---------------------------------------|---------|
| 1  | Introduction to Computer Architecture | 3       |
| 2  | Introduction to Operating Systems     | 3       |
| 3  | Introduction to Database Systems      | 3       |

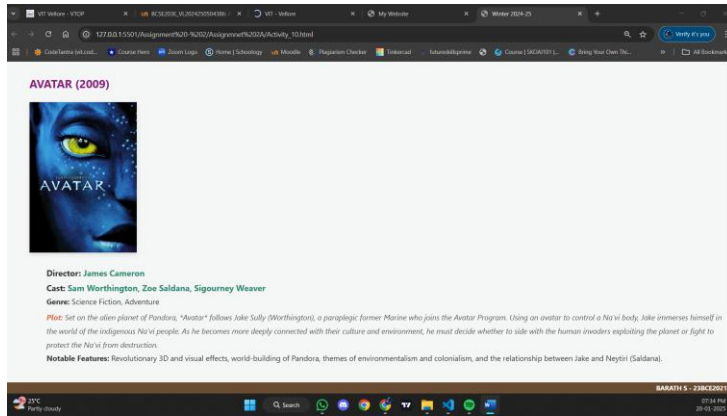

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#0975_Scripting
Assignment 2 - Assignment 2 (v) Action, Editor @ Test @ Page 7 #0975_Scripting
< html lang="en">
</>
<body>
    <div class="content">
        <section class="movie-reviews">
            <div>
                <div class="movie-description"><strong>Title:</strong> Iron Lion (Ironja), a killing that who specializes in entering people's dreams to steal secrets, it takes a
                <div><strong>Movie Features:</strong> Mind bending dream layers, thrilling action sequences (like the zero-gravity fight), and a complex narrative structure that
            </div>
            <div>
                <div class="movie-title">Avatar (2009)</div>
                
                <div class="movie-info"><strong>Director:</strong> James Cameron</div>
                <div class="movie-info"><strong>Cast:</strong> Sigourney Weaver, Zoe Saldana, Sigourney Weaver</div>
                <div class="movie-description"><strong>Plot:</strong> Set on the alien planet of Pandora, "Avatar" follows Jake Sully (Sigourney Weaver), a paraplegic former Marine who
                <div><strong>Movie Features:</strong> Revolutionary 3D and visual effects, world-building of Pandora, themes of environmentalism and colonialism, and the relation
            </div>
        </section>
    </div>
    <div>
        <div style="text-align: right;font-size: 10px;">
            BAKATH S - 20KCE2021
        </div>
    </div>
</html>
```

Output:





Result:

Thus, a web page design to replicate the above table and the output was verified.