

ASSIGNMENT – 2B

Activity 11:

For activity #11, you must re -create a new version of the Web site you created for Assignment 1A (activity #3), only this time you must use only CSS to achieve the same design Use the tables as depicts in the following figure and apply CSS style for the same

- Using styles assign table height and width and some styles for border as of your choice.
- Apply center text align for the table data
- Include some control the space between the border and the content in a table
- Highlight table rows content on mouse over with grey color

Note: Include any two properties of your choice(minimum) and use style as container

Aim:

To recreate a new version of the website from Assignment 1A (Activity #3) using only CSS to achieve the same design. The objective is to style a table by setting its height and width, applying custom border styles, and ensuring center-aligned text in the table data. Additionally, control the spacing between the content and the border within the table, and implement a hover effect to highlight table rows with a grey color. The design should incorporate at least two custom CSS properties of choice, applied within a container for proper layout and styling.

HTML tags and the attributes used:

HTML Tags Used	Attributes Used
<!DOCTYPE html>	lang (in <html>)
<html>	lang (value: "en")
<head>	None
<meta>	charset (value: "UTF-8"), name (value: "viewport"), content (value: "width=device-width, initial-scale=1.0")
<title>	None
<body>	None
<header>	None
<h2>	None
<div>	None

HTML Tags Used	Attributes Used
<table>	None
<tr>	None
<td>	rowspan, colspan, class, style
<a>	href, target
	src, alt
</body>, </html>	None

Code:

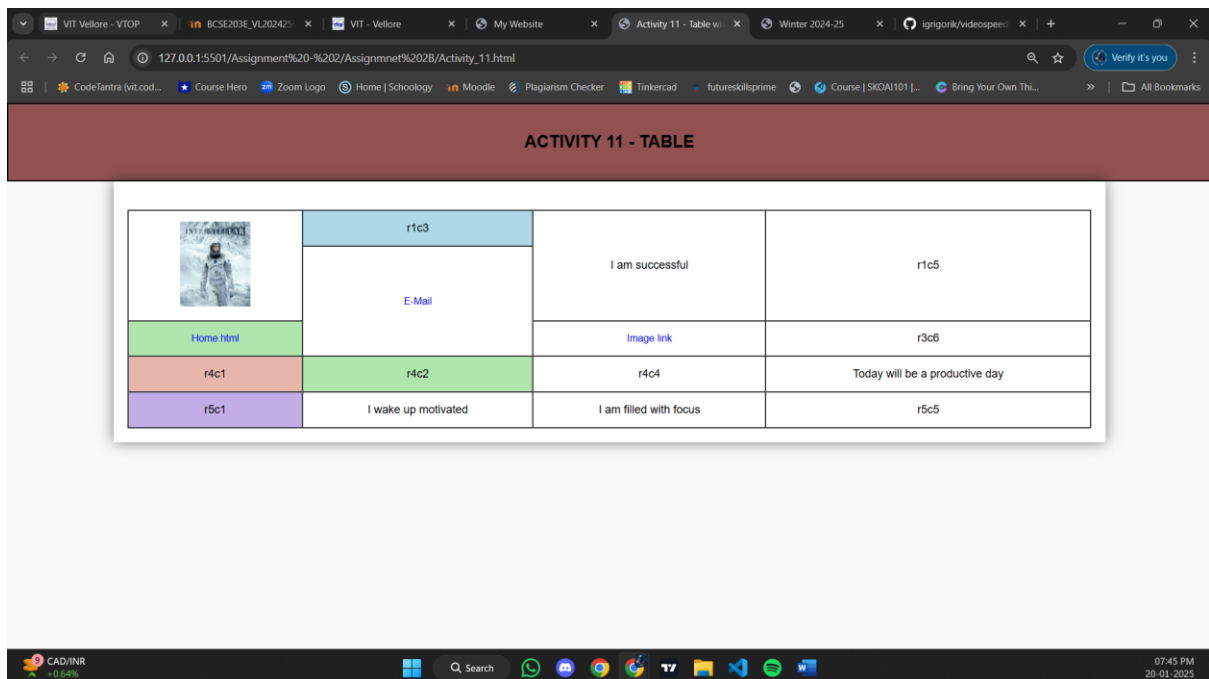
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Activity 11 - Table with CSS</title>
7   <style>
8
9     body {
10       font-family: Arial, sans-serif;
11       background-color: #f0f0f0;
12       margin: 0;
13       padding: 10px;
14     }
15
16     header {
17       border: solid 3px #ccc;
18       background-color: #f8d7da;
19       text-align: center;
20       padding: 5px;
21     }
22
23     header h2 {
24       color: #800000;
25       text-transform: capitalize;
26     }
27
28     .container {
29       width: 80%;
30       margin: 0 auto;
31       padding: 20px;
32       background-color: #ffffff;
33       box-shadow: 5px 5px #ccc;
34     }
35
36     table {
37       width: 100%;
38       border-collapse: collapse;
39       margin-top: 20px;
40     }
41
42     td {
43       padding: 10px;
44       text-align: center;
45       vertical-align: middle;
46     }
47
48     td img {
49       width: 100px;
50       height: 100px;
51       margin: 0 auto;
52     }
53
54     a {
55       text-decoration: none;
56       font-size: 1.2em;
57       color: #007bff;
58     }
59
60     a:hover {
61       text-decoration: underline;
62     }
63
64     /* hover effect for row */
65     tr:hover {
66       background-color: #d1ecf1;
67     }
68
69     /* custom background color styles */
70     .light-blue {
71       background-color: #d1ecf1;
72     }
73
74     .light-green {
75       background-color: #d4edda;
76     }
77
78   </style>
79 </head>
80 <body>
81   <div class="container">
82     <div class="header">
83       <h2>Activity 11</h2>
84     </div>
85     <table>
86       <tr>
87         <td>1</td>
88         <td>2</td>
89         <td>3</td>
90         <td>4</td>
91         <td>5</td>
92       </tr>
93       <tr>
94         <td>6</td>
95         <td>7</td>
96         <td>8</td>
97         <td>9</td>
98         <td>10</td>
99       </tr>
100     </table>
101   </div>
102 </body>
103 </html>
```

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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>Activity 11 - Table with CSS</title>
7   <style>
8
9     body {
10       font-family: Arial, sans-serif;
11       background-color: #f0f0f0;
12       margin: 0;
13       padding: 10px;
14     }
15
16     header {
17       border: solid 3px #ccc;
18       background-color: #f8d7da;
19       text-align: center;
20       padding: 5px;
21     }
22
23     header h2 {
24       color: #800000;
25       text-transform: capitalize;
26     }
27
28     .container {
29       width: 80%;
30       margin: 0 auto;
31       padding: 20px;
32       background-color: #ffffff;
33       box-shadow: 5px 5px #ccc;
34     }
35
36     table {
37       width: 100%;
38       border-collapse: collapse;
39       margin-top: 20px;
40     }
41
42     td {
43       padding: 10px;
44       text-align: center;
45       vertical-align: middle;
46     }
47
48     td img {
49       width: 100px;
50       height: 100px;
51       margin: 0 auto;
52     }
53
54     a {
55       text-decoration: none;
56       font-size: 1.2em;
57       color: #007bff;
58     }
59
60     a:hover {
61       text-decoration: underline;
62     }
63
64     /* hover effect for row */
65     tr:hover {
66       background-color: #d1ecf1;
67     }
68
69     /* custom background color styles */
70     .light-blue {
71       background-color: #d1ecf1;
72     }
73
74     .light-green {
75       background-color: #d4edda;
76     }
77
78   </style>
79 </head>
80 <body>
81   <div class="container">
82     <div class="header">
83       <h2>Activity 11</h2>
84     </div>
85     <table>
86       <tr>
87         <td>1</td>
88         <td>2</td>
89         <td>3</td>
90         <td>4</td>
91         <td>5</td>
92       </tr>
93       <tr>
94         <td>6</td>
95         <td>7</td>
96         <td>8</td>
97         <td>9</td>
98         <td>10</td>
99       </tr>
100     </table>
101   </div>
102 </body>
103 </html>
```

```
1 <html lang="en">
2 <head>
3 <style>
4
5 .light-pink {
6   background-color: #FFB6C1;
7 }
8
9 .light-purple {
10  background-color: #DDA0DD;
11 }
12
13 .white-hg {
14   background-color: white;
15 }
16 </style>
17 </head>
18 <body>
19 <div class="container">
20 <table>
21 <tr>
22 <td rowspan="2" colspan="2" class="white-hg">
23 
24 </td>
25 <td class="light-blue" r1c3/>
26 <td rowspan="2" class="white-hg" r1c5/>
27 <td colspan="2" rowspan="2" class="white-hg" r1c6/>
28 </tr>
29 <tr>
30 <td colspan="2">
31 <a href="https://accounts.google.com/vsi/signin/identifiers?authuser=0&continue=https%3A%2F%2Fmail.google.com%2Fmail%2F&as_sasl=0&as_sasl=0&as_sasl=0" target="_blank">Home.html</a>
32 </td>
33 </tr>
34 <tr>
35 <td colspan="2" class="light-green">
36 <a href="/Assignment%20-%20202/Assignmentnet%2028/Activity_11.html" target="_blank">Home.html</a>
37 </td>
38 <td colspan="2">
39 <a href="https://media.com.com/api/v1/images/stellar/prod/22011702717_01_F1_season_preview_2022_jpg?w=1600&h=833&u=1600,c_fill" target="_blank">Image link</a>
40 </td>
41 <td colspan="2" class="white-hg" r3c6/>
42 </tr>
43 <tr>
44 <td colspan="2" class="light-pink" r4c1/>
45 <td colspan="2" class="light-green" r4c2/>
46 <td rowspan="2" class="white-hg" r4c4/>
47 <td colspan="2" class="white-hg" r4c5/>
48 </tr>
49 <tr>
50 <td colspan="2" class="white-hg" r5c1/>
51 <td colspan="2" class="white-hg" r5c2/>
52 <td colspan="2" class="white-hg" r5c3/>
53 </tr>
54 </table>
55 </div>
56 </body>
57 </html>
```

```
1 <html lang="en">
2 <body>
3 <div class="container">
4 <table>
5 <tr>
6 <td colspan="2" class="light-green">
7 <a href="/Assignment%20-%20202/Assignmentnet%2028/Activity_11.html" target="_blank">Home.html</a>
8 </td>
9 <td colspan="2">
10 <a href="https://media.com.com/api/v1/images/stellar/prod/22011702717_01_F1_season_preview_2022_jpg?w=1600&h=833&u=1600,c_fill" target="_blank">Image link</a>
11 </td>
12 <td colspan="2" class="white-hg" r3c6/>
13 </tr>
14 <tr>
15 <td colspan="2" class="light-pink" r4c1/>
16 <td colspan="2" class="light-green" r4c2/>
17 <td rowspan="2" class="white-hg" r4c4/>
18 <td colspan="2" class="white-hg" r4c5/>
19 </tr>
20 <tr>
21 <td colspan="2" class="white-hg" r5c1/>
22 <td colspan="2" class="white-hg" r5c2/>
23 <td colspan="2" class="white-hg" r5c3/>
24 </tr>
25 </table>
26 </div>
27 </body>
28 </html>
```

Output:



Result:

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

Activity 12:

For activity #12, you must re -create a new version of the Web site you created for Assignment 1C (activity #8), only this time you must use only CSS to achieve the same design

CSS constraints

- Use respective selector for designing layout temple as per your choice.
- Design customized banner image for home page
- Apply CSS for navigation page and hyperlinks can be styled with any CSS property (e.g. color, font-family, background, etc.).
- Apply styles for signup and login pages.
- Apply box model and position properties which is applicable for your design

Note: Choose the layout design of your choice and use external CSS file

Aim:

To create a table-based layout for a webpage using only CSS, following the structure from Assignment 1A (Activity #3). The goal is to apply CSS styles to the table, including setting its height and width, defining border styles, centering text within the table cells, controlling spacing between the content and the borders, and adding a hover effect to highlight rows. The design will also include at least two custom CSS properties of your choice, applied to enhance the layout and style of the page.

HTML tags and attributes used:

HTML Tag	Attributes
<!DOCTYPE html>	N/A
<html>	lang="en"
<head>	N/A
<meta>	charset="UTF-8", name="viewport", content="width=device-width, initial-scale=1.0"
<title>	N/A
<link>	rel="stylesheet", href="style.css"
<body>	N/A
<header>	N/A
<h1>	N/A
<hr>	N/A
<nav>	N/A

HTML Tag	Attributes
<h3>	N/A
<a>	href="#home", href="#activity", href="#blog", href="#contact", target="_blank"
<section>	id="home", id="activity", id="blog", id="contact"
<p>	N/A
	N/A
	N/A
<a>	href="Assignment - 1/Assignment 1A/home.html", target="_blank", href="Assignment - 1/Assignment 1A/list.html", href="Assignment - 1/Assignment 1A/table.html", etc.
<video>	width="320", controls
<source>	src="Assignment - 1/Assignment 1B/GitHub.mp4", type="video/mp4"
<form>	action="https://img.freepik.com/premium-vector/thank-you-caligraphic-vector-illustration-concept_1253202-40937.jpg?semt=ais_hybrid", target="_blank"
<label>	for="name", for="email", for="message"
<input>	type="text", type="email", id="name", id="email", placeholder="Enter your name", required, id="email", placeholder="Enter your email", etc.
<textarea>	id="message", name="message", placeholder="Write your message", required
<button>	type="submit", id="submit"

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">
6   <title>My Website</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10
11   <!-- Header -->
12   <header>
13     <h1>Welcome to My Website</h1>
14   </header>
15
16   <!-- Navigation Bar -->
17   <nav>
18     <ul>
19       <li><a href="#home">Home</a></li>
20       <li><a href="#activity">Activity</a></li>
21       <li><a href="#blog">Blog</a></li>
22       <li><a href="#contact">Contact</a></li>
23     </ul>
24   </nav>
25
26   <!-- Home Page -->
27   <section id="home" class="home-section">
28     <h2>Welcome</h2>
29     <p>Welcome to my personal web development hub! This website is designed to showcase my journey and skills in creating websites using HTML, CSS, and JavaScript. It provides a comprehensive overview of my work, including projects, blog posts, and contact information. Feel free to explore the site and reach out if you have any questions or feedback. I'm a passionate web creator on a mission to build the digital world of tomorrow. <a href="Assignment - 1/Assignment 1A/home.html" target="_blank">To know more click here</a></p>
30   </section>
31 </body>
32 </html>

```

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```

1  <!-- Navigation Bar - Top Row -->
2  <div class="navbar" style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc; text-align: center;">
3    <div style="display: flex; justify-content: space-between; align-items: center;">
4      <div style="font-size: 1.2em; font-weight: bold; margin: 0;">Project Overview
5      <div style="font-size: 0.8em; color: #666;">
6        <span>Home | <span>About | <span>Contact
7      <div style="margin: 0;">
8        <span>Log Out
9      </div>
10    </div>
11  </div>
12
13  <!-- Main Content Area -->
14  <div style="background-color: #f9f9f9; padding: 10px; border: 1px solid #eee;">
15    <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;">
16      <div style="width: 60%;">
17        <h2 style="margin: 0;">Welcome to Our Website
18        <p style="margin: 0;">This is a sample web page demonstrating various HTML and CSS features. It includes a navigation bar, a main content area, and a footer.
19      </div>
20      <div style="width: 35%; text-align: right;">
21        <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">
22          <strong>Activity 1
23        </div>
24        <div style="border: 1px solid #ccc; padding: 5px;">
25          <strong>Activity 2
26        </div>
27      </div>
28    </div>
29
30    <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;">
31      <div style="width: 60%;">
32        <h3 style="margin: 0;">About Our Project
33        <p style="margin: 0;">Our project aims to provide a comprehensive overview of the current state of the industry. We are committed to delivering high-quality results and ensuring that our users have the best possible experience.
34      </div>
35      <div style="width: 35%; text-align: right;">
36        <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">
37          <strong>Activity 3
38        </div>
39        <div style="border: 1px solid #ccc; padding: 5px;">
40          <strong>Activity 4
41        </div>
42      </div>
43    </div>
44
45    <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;">
46      <div style="width: 60%;">
47        <h3 style="margin: 0;">Contact Us
48        <p style="margin: 0;">If you have any questions or feedback, please contact us at <a href="mailto:info@example.com">info@example.com</a>. We will be happy to assist you.
49      </div>
50      <div style="width: 35%; text-align: right;">
51        <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">
52          <strong>Activity 5
53        </div>
54        <div style="border: 1px solid #ccc; padding: 5px;">
55          <strong>Activity 6
56        </div>
57      </div>
58    </div>
59  </div>
60
61  <!-- Footer -->
62  <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc; text-align: center; margin-top: 10px;">
63    <div style="display: flex; justify-content: space-between; align-items: center;">
64      <div style="font-size: 0.8em; color: #666;">
65        <span>© 2024 All Rights Reserved
66      </div>
67      <div style="font-size: 0.8em; color: #666;">
68        <span>Privacy Policy | <span>Terms of Service
69      </div>
70    </div>
71  </div>

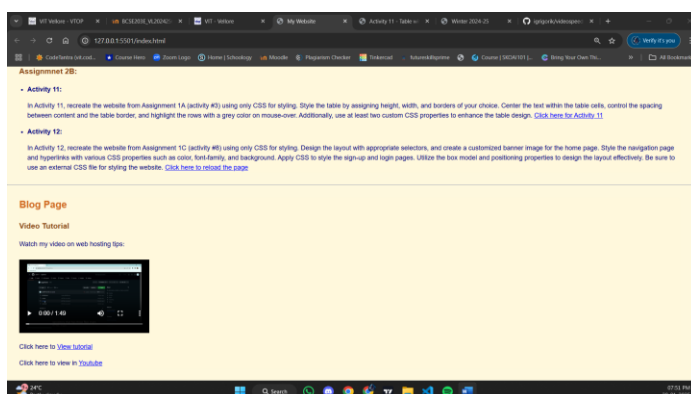
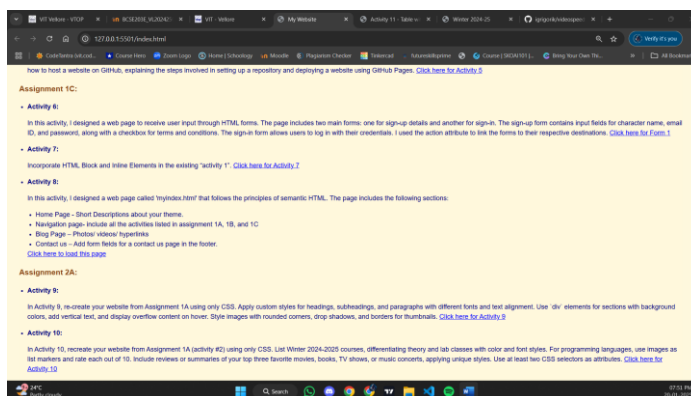
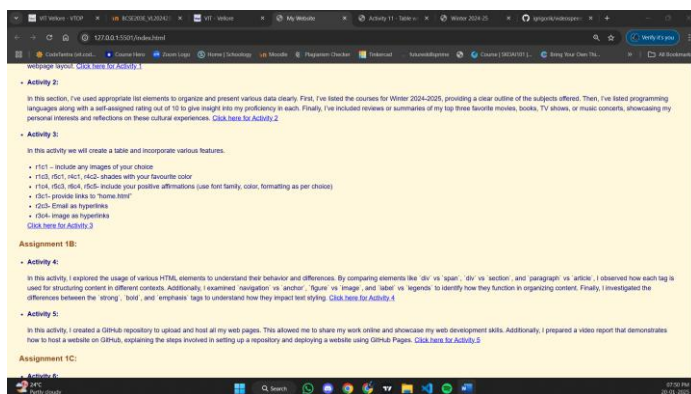
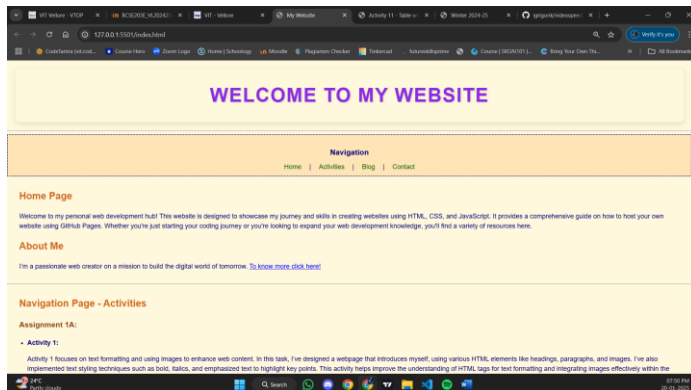
```

```

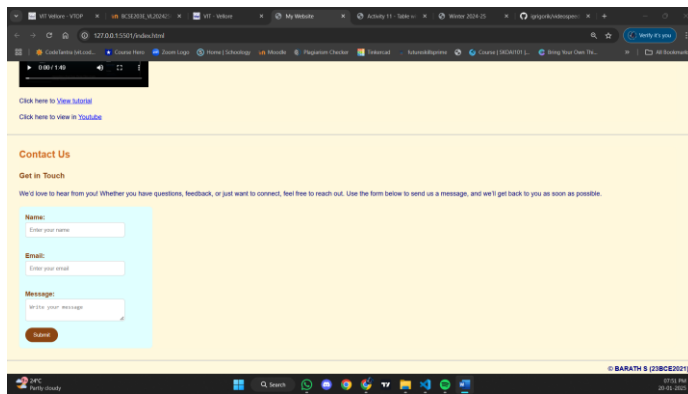
1 <div id="1" >
2   <div lang="en">
3     <body>
4       <section id="Activity" class="Activity:section">
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[illegible][illegible]

Output:



Name: S BARATH
Reg_No: 23BCE2021



Result:

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