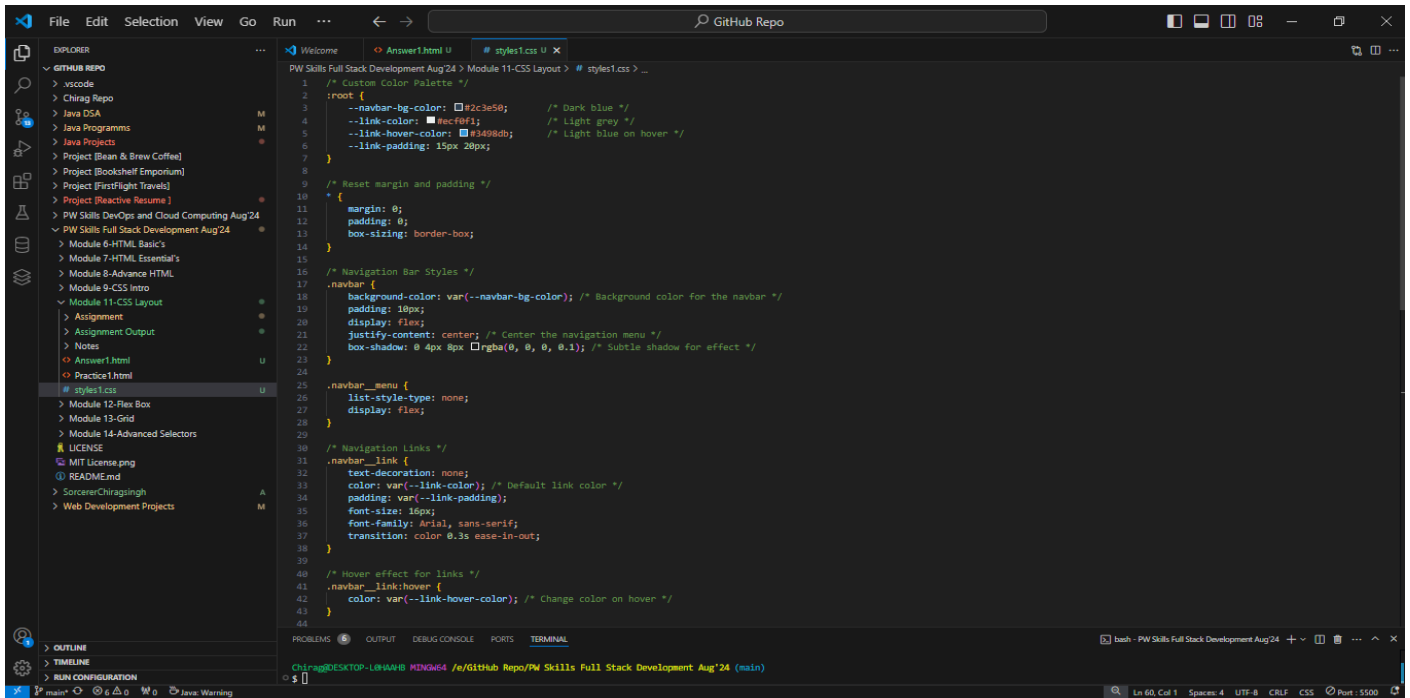


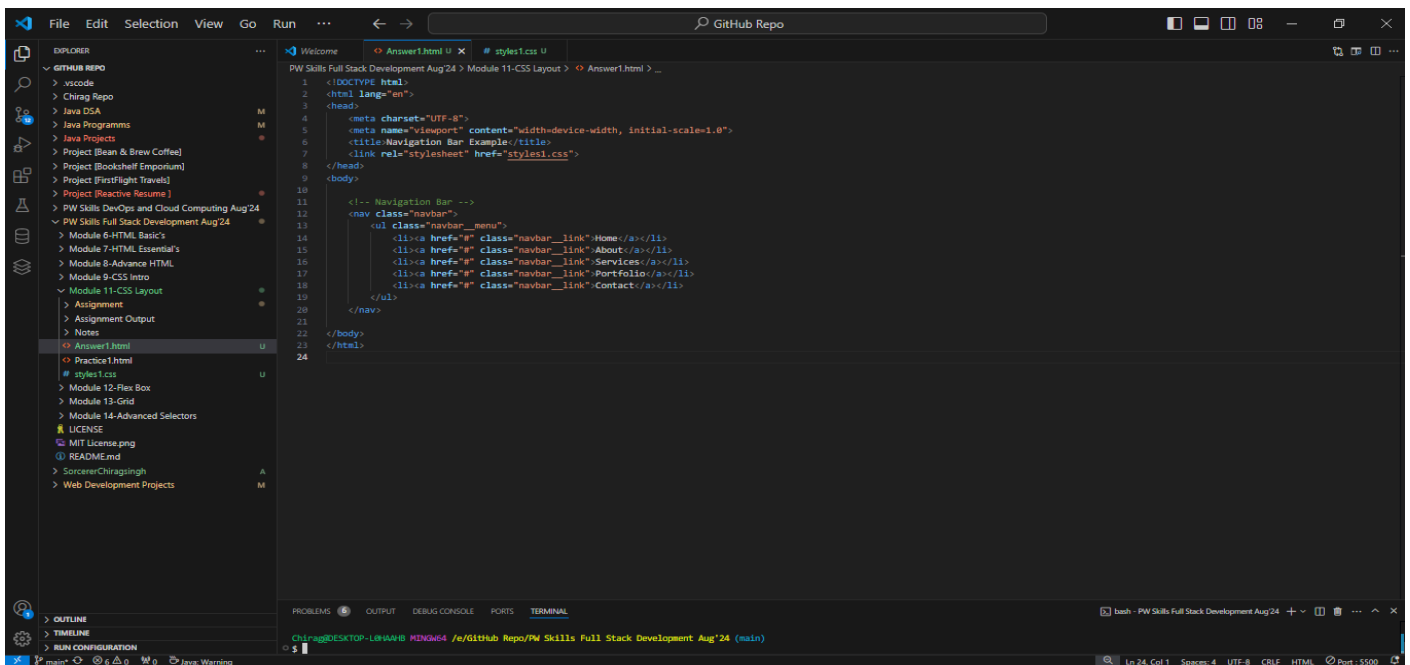
Module -11 Assignment

Q1.) Create a navigation bar similar to the below-mentioned image. The navigation bar must contain 5 navigation links that are properly placed within the navigation bar using the CSS box model. The navigation items must change their text color on hover.



The screenshot shows the VS Code editor with the following CSS code in `styles1.css`:

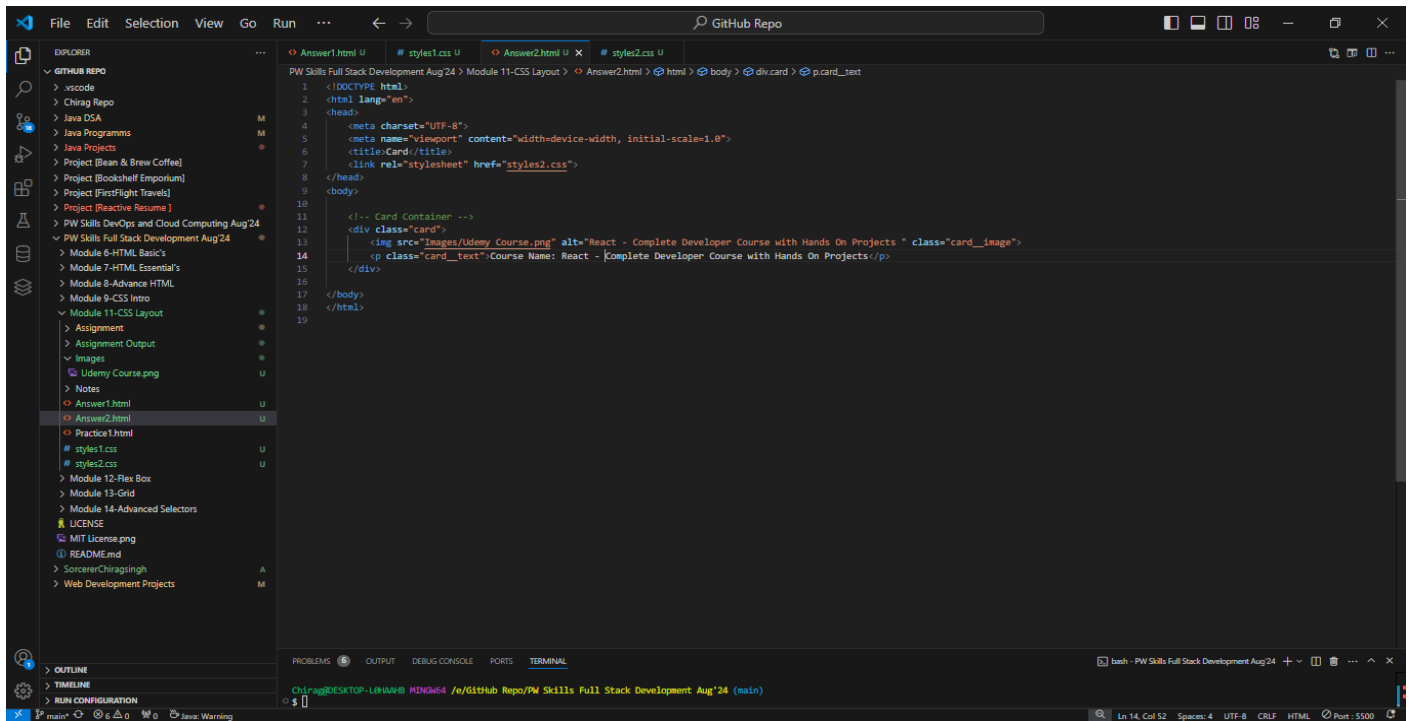
```
1 /* Custom Color Palette */
2 :root {
3   --navbar-bg-color: #2c3e50; /* Dark blue */
4   --link-color: #ecf0f1; /* Light grey */
5   --link-hover-color: #81c784; /* Light blue on hover */
6   --link-padding: 15px 28px;
7 }
8
9 /* Reset margin and padding */
10 {
11   margin: 0;
12   padding: 0;
13   box-sizing: border-box;
14 }
15
16 /* Navigation Bar Styles */
17 .navbar {
18   background-color: var(--navbar-bg-color); /* Background color for the navbar */
19   padding: 10px;
20   display: flex;
21   justify-content: center; /* Center the navigation menu */
22   box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1); /* Subtle shadow for effect */
23 }
24
25 .navbar_menu {
26   list-style-type: none;
27   display: flex;
28 }
29
30 /* Navigation Links */
31 .navbar_link {
32   text-decoration: none;
33   color: var(--link-color); /* Default link color */
34   padding: var(--link-padding);
35   font-size: 16px;
36   font-family: Arial, sans-serif;
37   transition: color 0.3s ease-in-out;
38 }
39
40 /* Hover effect for links */
41 .navbar_link:hover {
42   color: var(--link-hover-color); /* Change color on hover */
43 }
44
```



The screenshot shows the VS Code editor with the following HTML code in `Answer1.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>Navigation Bar Example</title>
7   <link rel="stylesheet" href="styles1.css">
8 </head>
9 <body>
10
11   <!-- Navigation Bar -->
12   <nav class="navbar">
13     <ul class="navbar_menu">
14       <li><a href="#" class="navbar_link">Home</a></li>
15       <li><a href="#" class="navbar_link">About</a></li>
16       <li><a href="#" class="navbar_link">Services</a></li>
17       <li><a href="#" class="navbar_link">Portfolio</a></li>
18       <li><a href="#" class="navbar_link">Contact</a></li>
19     </ul>
20   </nav>
21
22 </body>
23 </html>
24
```


Q2.) Create a div centered with an image and paragraph similar to the image mentioned below.

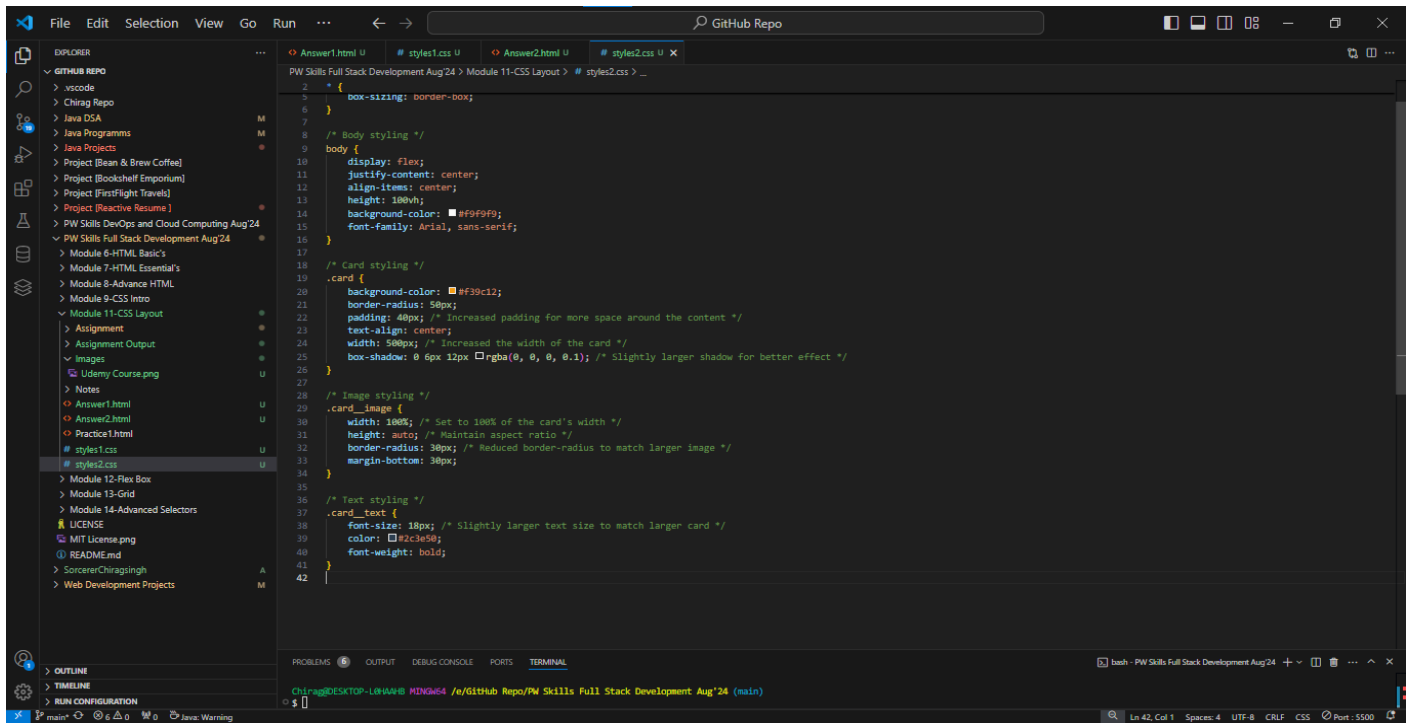


The screenshot shows the VS Code editor with the Explorer sidebar on the left displaying a file tree for a project named 'PW Skills Full Stack Development Aug'24'. The main editor area shows the 'Answer2.html' file with the following HTML code:

```
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>Card</title>
7   <link rel="stylesheet" href="styles2.css">
8 </head>
9 <body>
10
11   <!-- Card Container -->
12   <div class="card">
13     
14     <p class="card_text">Course Name: React - Complete Developer Course with Hands On Projects</p>
15   </div>
16 </body>
17 </html>
```

The Explorer sidebar shows the following files and folders:

- github repo
- vscode
- Chirag Repo
- Java DSA
- Java Programs
- Java Projects
- Project (Bean & Brew Coffee)
- Project (Bookshelf Emporium)
- Project (FirstFlight Travels)
- Project (Reactive Resume)
- PW Skills DevOps and Cloud Computing Aug'24
- PW Skills Full Stack Development Aug'24
 - Module 6-HTML Basic's
 - Module 7-HTML Essential's
 - Module 8-Advance HTML
 - Module 9-CSS Intro
 - Module 11-CSS Layout
 - Assignment
 - Assignment Output
 - Images
 - Udemy Course.png
 - Notes
 - Answer1.html
 - Answer2.html
 - Practice1.html
 - styles1.css
 - styles2.css
 - Module 12-Flex Box
 - Module 13-Grid
 - Module 14-Advanced Selectors
 - LICENSE
 - MIT License.png
 - README.md
 - SorcererChiragSingh
 - Web Development Projects



The screenshot shows the VS Code editor with the Explorer sidebar on the left displaying the same file tree as the previous image. The main editor area shows the 'styles2.css' file with the following CSS code:

```
2 * {
3   box-sizing: border-box;
4 }
5
6 /* Body styling */
7 body {
8   display: flex;
9   justify-content: center;
10  align-items: center;
11  height: 100vh;
12  background-color: #f9f9f9;
13  font-family: Arial, sans-serif;
14 }
15
16 /* Card styling */
17 .card {
18   background-color: #f3f3f3;
19   border-radius: 50px;
20   padding: 40px; /* Increased padding for more space around the content */
21   text-align: center;
22   width: 500px; /* Increased the width of the card */
23   box-shadow: 0 6px 12px rgba(0, 0, 0, 0.1); /* Slightly larger shadow for better effect */
24 }
25
26 /* Image styling */
27 .card_image {
28   width: 100%; /* Set to 100% of the card's width */
29   height: auto; /* Maintain aspect ratio */
30   border-radius: 30px; /* Reduced border-radius to match larger image */
31   margin-bottom: 30px;
32 }
33
34 /* Text styling */
35 .card_text {
36   font-size: 18px; /* Slightly larger text size to match larger card */
37   color: #1c3a5e;
38   font-weight: bold;
39 }
40
41
42
```

The Explorer sidebar shows the same file tree as the previous image.

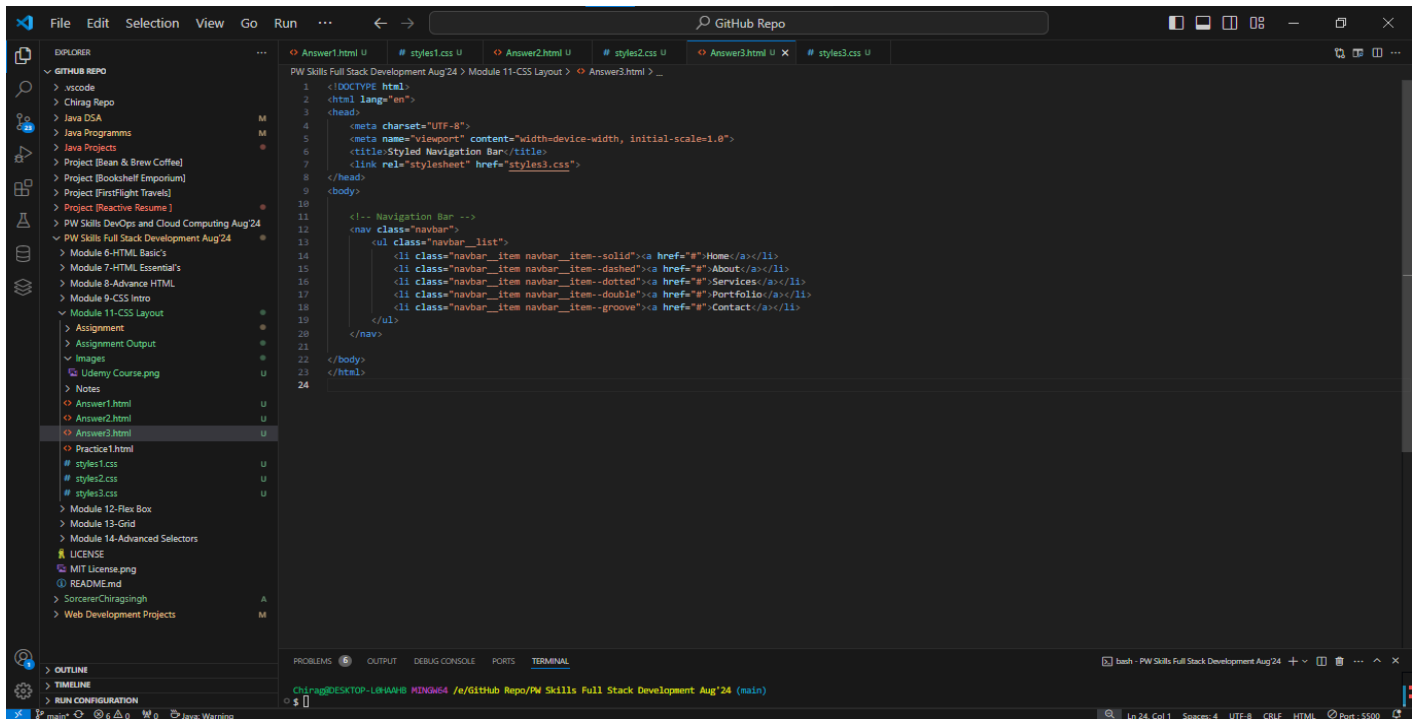
React - Complete Developer Course with Hands-On Projects

Course Name: React - Complete Developer Course with Hands On Projects

React - Complete Developer Course with Hands-On Projects

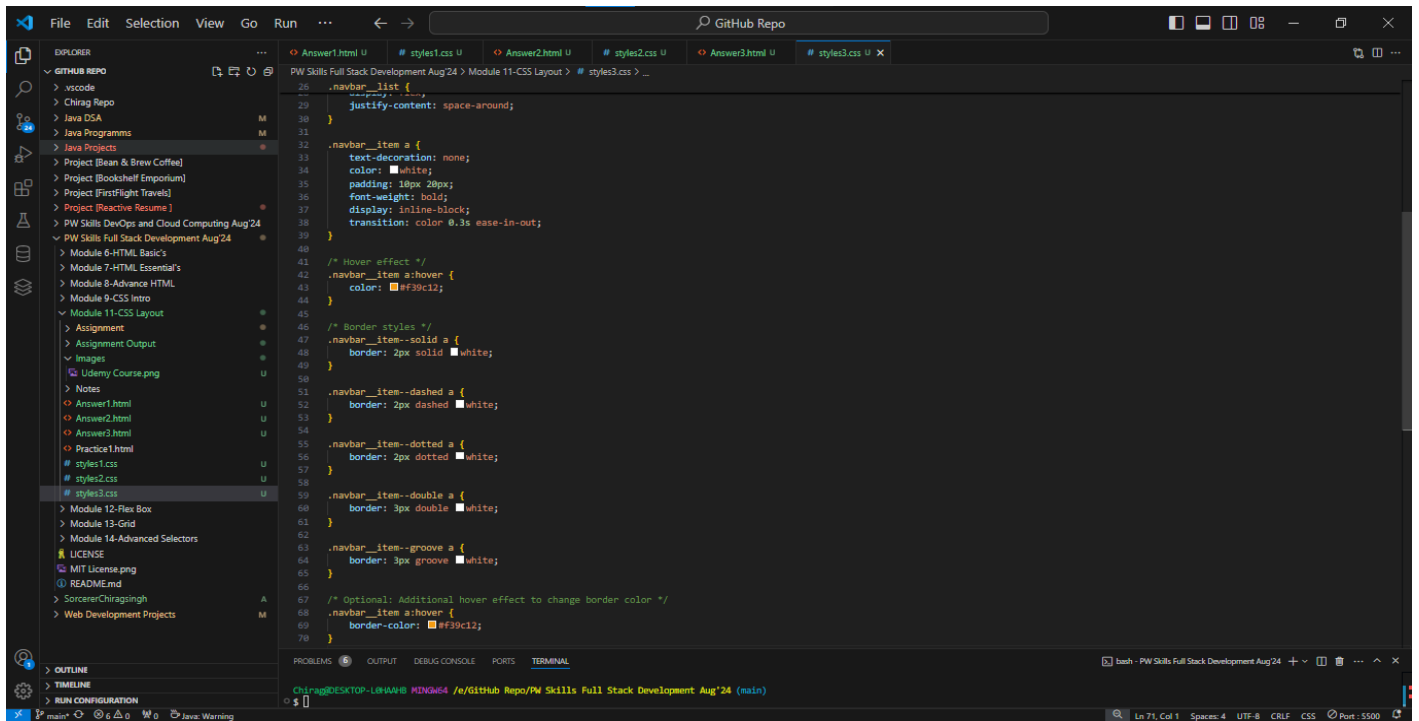
Course Name: React - Complete Developer Course with Hands On Projects

Q3.) Create a navigation bar similar to question 1. For each navigation item, use a different border style.



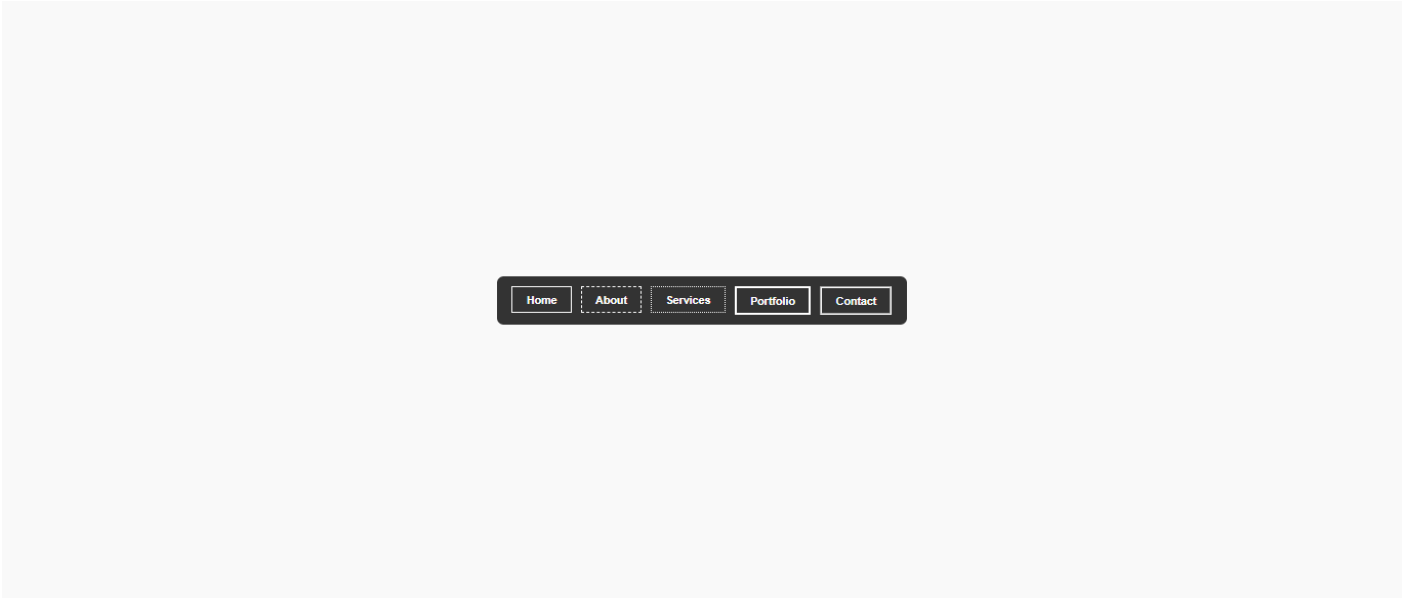
The screenshot shows the VS Code editor with the file explorer on the left and the code editor in the center. The file explorer shows a project structure for 'PW Skills Full Stack Development Aug24'. The code editor displays the HTML file 'Answer3.html' with the following content:

```
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>Stylized Navigation Bar</title>
7 <link rel="stylesheet" href="styles3.css">
8 </head>
9 <body>
10
11 <!-- Navigation Bar -->
12 <nav class="navbar">
13 <ul class="navbar_list">
14 <li class="navbar_item navbar_item--solid"><a href="#">Home</a></li>
15 <li class="navbar_item navbar_item--dashed"><a href="#">About</a></li>
16 <li class="navbar_item navbar_item--dotted"><a href="#">Services</a></li>
17 <li class="navbar_item navbar_item--double"><a href="#">Portfolio</a></li>
18 <li class="navbar_item navbar_item--groove"><a href="#">Contact</a></li>
19 </ul>
20 </nav>
21 </body>
22 </html>
23
24
```



The screenshot shows the VS Code editor with the file explorer on the left and the code editor in the center. The file explorer shows a project structure for 'PW Skills Full Stack Development Aug24'. The code editor displays the CSS file 'styles3.css' with the following content:

```
26 .navbar_list {
27   text-align: center;
28   justify-content: space-around;
29 }
30
31
32 .navbar_item a {
33   text-decoration: none;
34   color: white;
35   padding: 10px 20px;
36   font-weight: bold;
37   display: inline-block;
38   transition: color 0.3s ease-in-out;
39 }
40
41 /* Hover effect */
42 .navbar_item a:hover {
43   color: #f9c12;
44 }
45
46 /* Border styles */
47 .navbar_item--solid a {
48   border: 2px solid white;
49 }
50
51 .navbar_item--dashed a {
52   border: 2px dashed white;
53 }
54
55 .navbar_item--dotted a {
56   border: 2px dotted white;
57 }
58
59 .navbar_item--double a {
60   border: 3px double white;
61 }
62
63 .navbar_item--groove a {
64   border: 3px groove white;
65 }
66
67 /* Optional: Additional hover effect to change border color */
68 .navbar_item a:hover {
69   border-color: #f9c12;
70 }
71
```



Home

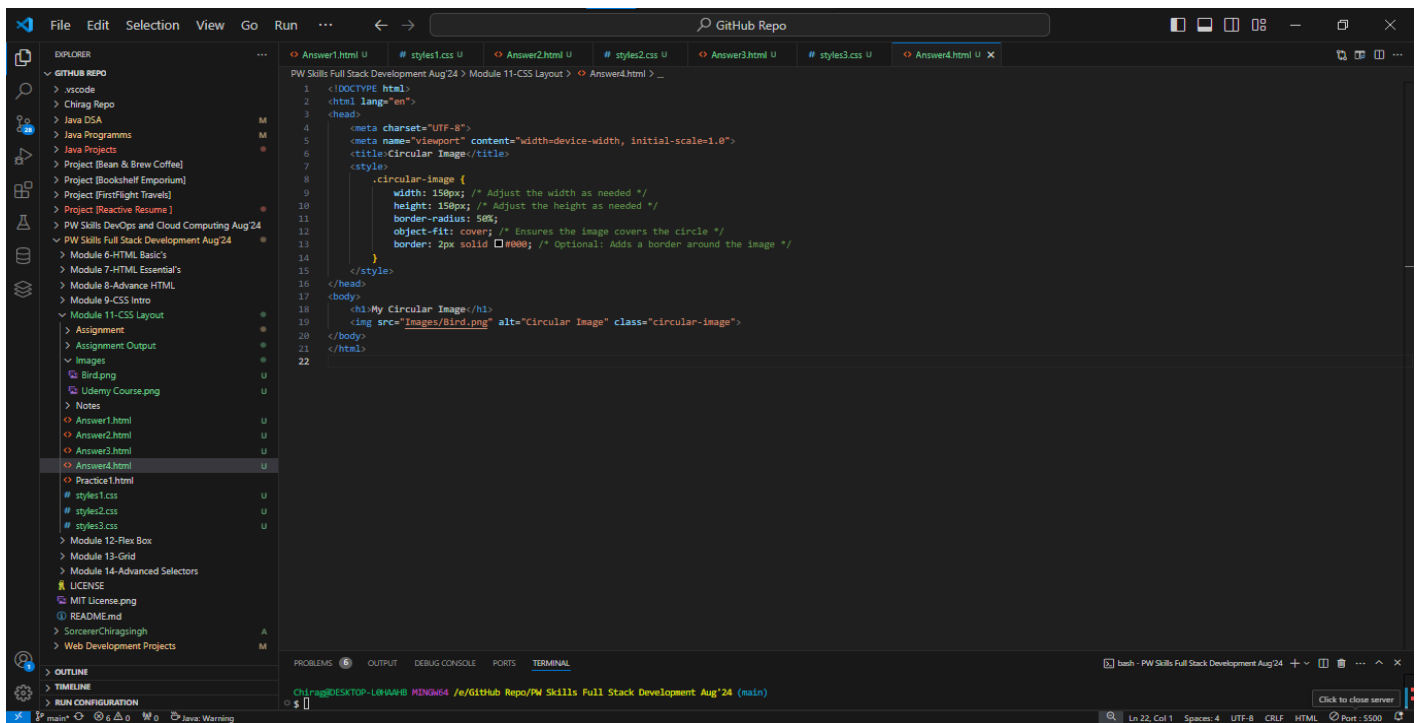
About

Services

Portfolio

Contact

Q4.) Create a simple webpage with an image and make the image circular using border-radius.



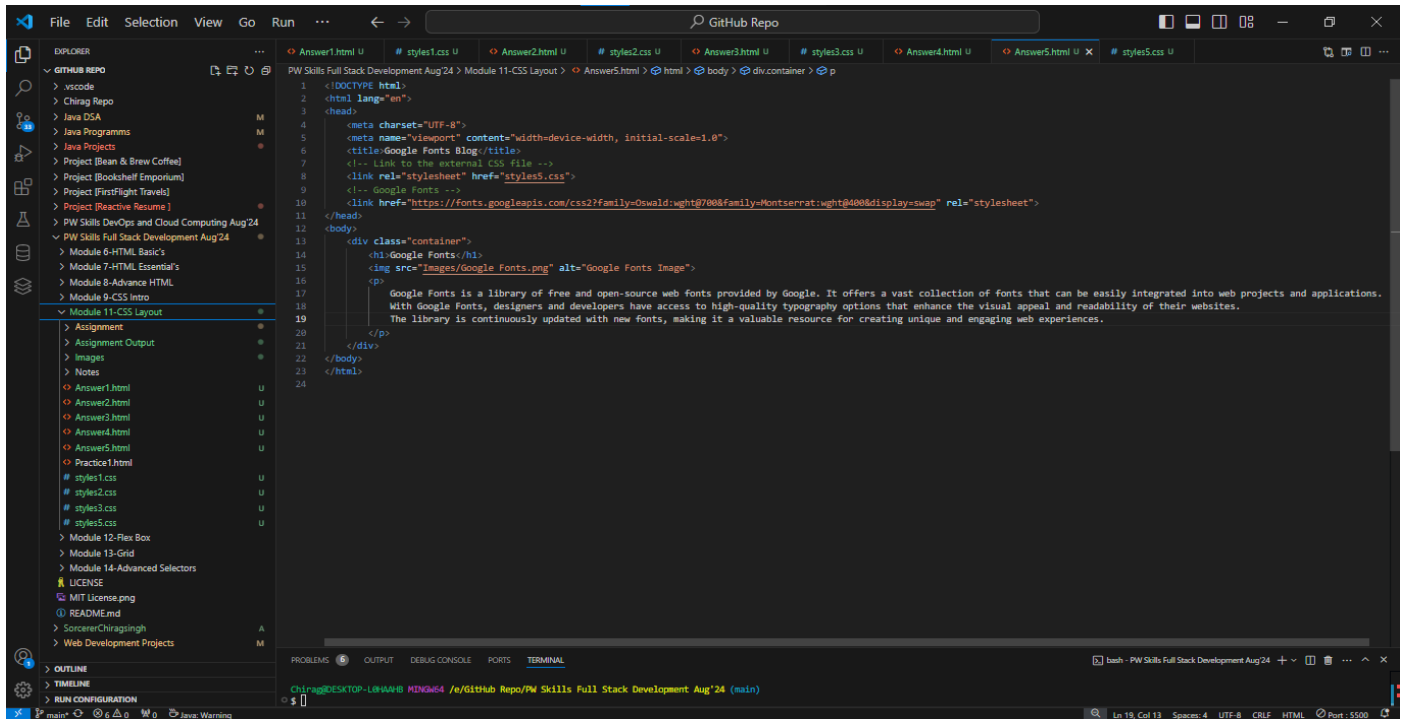
The screenshot shows a VS Code editor window with a file explorer on the left and a code editor in the center. The file explorer shows a project structure with files like `Answer1.html`, `Answer2.html`, `Answer3.html`, `Answer4.html`, `Practice1.html`, `styles1.css`, `styles2.css`, and `styles3.css`. The code editor shows the content of `Answer4.html`, which is a simple HTML page with a circular image. The image is a blue bird perched on a branch, and it is styled to be circular using CSS. The terminal at the bottom shows the command `chirag@DESKTOP-L9WUW8: /e/GitHub Repo/PW Skills Full Stack Development Aug'24 (main)`.

```
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>Circular Image</title>
7   <style>
8     .circular-image {
9       width: 150px; /* Adjust the width as needed */
10      height: 150px; /* Adjust the height as needed */
11      border-radius: 50%;
12      object-fit: cover; /* Ensures the image covers the circle */
13      border: 2px solid #000; /* Optional: Adds a border around the image */
14    }
15  </style>
16 </head>
17 <body>
18   <h1>My Circular Image</h1>
19   
20 </body>
21 </html>
22
```

My Circular Image

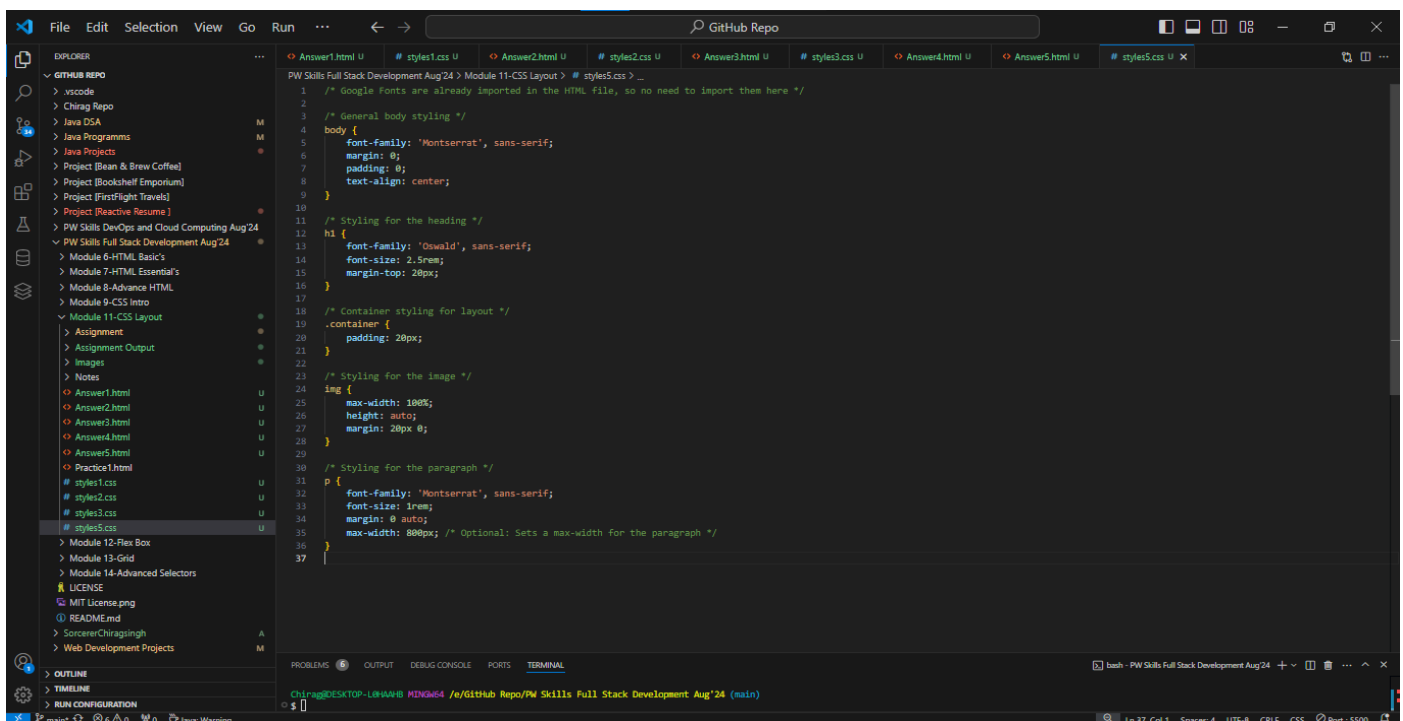


Q5.) Create a simple blog website about Google fonts. The webpage must have the heading with “Oswald” font align center to the page, below the heading have an image of Google fonts and a paragraph about Google fonts in font “Montserrat” paragraph font style should be “montserrat” font.



The screenshot shows the VS Code editor with the following code in the main editor:

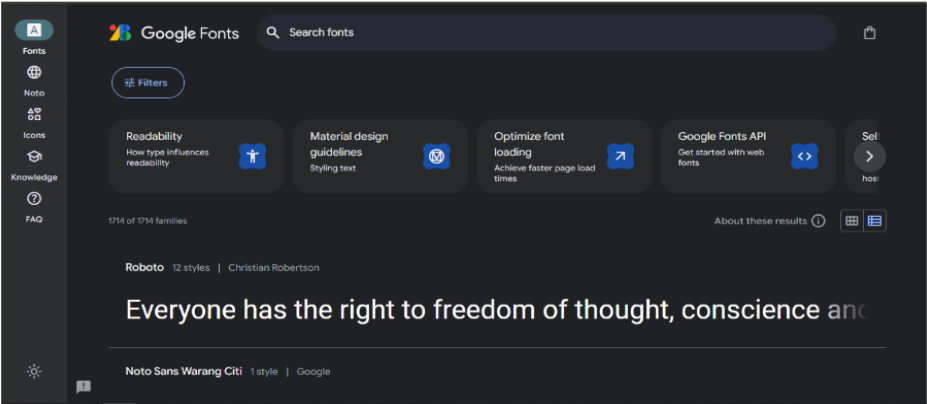
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Google Fonts Blog</title>
7   <!-- Link to the external CSS file -->
8   <link rel="stylesheet" href="styles5.css">
9   <!-- Google Fonts -->
10  <link href="https://fonts.googleapis.com/css2?family=Oswald:wght@700&family=Montserrat:wght@400&display=swap" rel="stylesheet">
11 </head>
12 <body>
13   <div class="container">
14     <h1>Google Fonts</h1>
15     
16     <p>
17       Google Fonts is a library of free and open-source web fonts provided by Google. It offers a vast collection of fonts that can be easily integrated into web projects and applications.
18       With Google Fonts, designers and developers have access to high-quality typography options that enhance the visual appeal and readability of their websites.
19       The library is continuously updated with new fonts, making it a valuable resource for creating unique and engaging web experiences.
20     </p>
21   </div>
22 </body>
23 </html>
```



The screenshot shows the VS Code editor with the following code in the main editor:

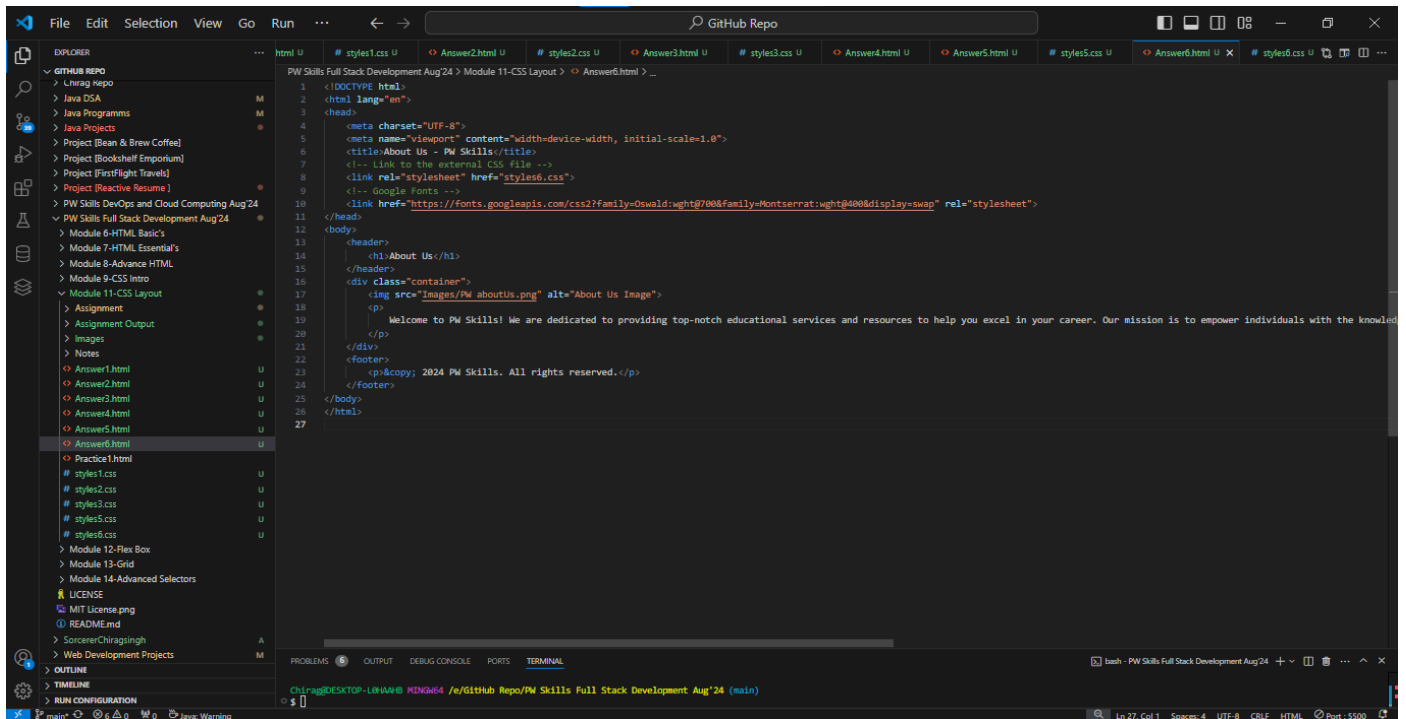
```
1 /* Google Fonts are already imported in the HTML file, so no need to import them here */
2
3 /* General body styling */
4 body {
5   font-family: 'Montserrat', sans-serif;
6   margin: 0;
7   padding: 0;
8   text-align: center;
9 }
10
11 /* Styling for the heading */
12 h1 {
13   font-family: 'Oswald', sans-serif;
14   font-size: 2.5rem;
15   margin-top: 20px;
16 }
17
18 /* Container styling for layout */
19 .container {
20   padding: 20px;
21 }
22
23 /* Styling for the image */
24 img {
25   max-width: 100%;
26   height: auto;
27   margin: 20px 0;
28 }
29
30 /* Styling for the paragraph */
31 p {
32   font-family: 'Montserrat', sans-serif;
33   font-size: 1rem;
34   margin: 0 auto;
35   max-width: 800px; /* Optional: Sets a max-width for the paragraph */
36 }
37
```


Google Fonts



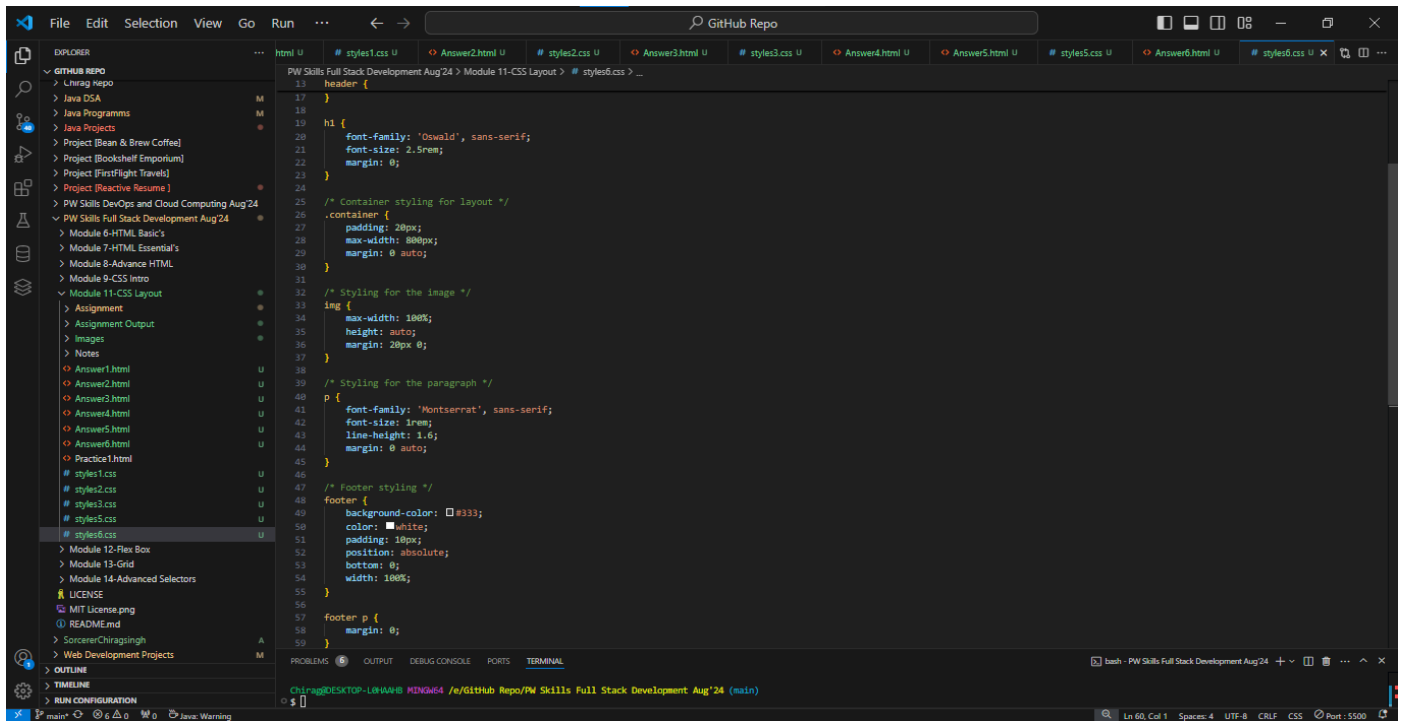
Google Fonts is a library of free and open-source web fonts provided by Google. It offers a vast collection of fonts that can be easily integrated into web projects and applications. With Google Fonts, designers and developers have access to high-quality typography options that enhance the visual appeal and readability of their websites. The library is continuously updated with new fonts, making it a valuable resource for creating unique and engaging web experiences.

Q6.) Create a simple website as mentioned in the below image. You can get the assets by visiting <https://pwwskills.com/about-us>.



This screenshot shows the VS Code editor with the 'Answer6.html' file open. The Explorer sidebar on the left shows the project structure, including a 'GitHub Repo' folder and various subfolders like 'Java DSA', 'Java Programs', and 'PW Skills DevOps and Cloud Computing Aug'24'. The main editor area displays the HTML code for 'Answer6.html', which includes a DOCTYPE declaration, HTML lang attribute, charset, viewport meta tag, title, and links to external CSS and Google Fonts. The body contains a header with 'About Us', a main content area with a welcome message, and a footer with copyright information.

```
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>About Us - PW Skills</title>
7   <!-- Link to the external CSS file -->
8   <link rel="stylesheet" href="styles6.css">
9   <!-- Google Fonts -->
10  <link href="https://fonts.googleapis.com/css2?family=Oswald:wght@700&family=Montserrat:wght@400&display=swap" rel="stylesheet">
11 </head>
12 <body>
13   <header>
14     <h1>About Us</h1>
15   </header>
16   <div class="container">
17     
18   </div>
19   <p>
20     Welcome to PW Skills! We are dedicated to providing top-notch educational services and resources to help you excel in your career. Our mission is to empower individuals with the knowled
21   </p>
22   </div>
23   <div>
24     <p>&copy; 2024 PW Skills. All rights reserved.</p>
25   </div>
26 </body>
27 </html>
```



This screenshot shows the VS Code editor with the 'styles6.css' file open. The Explorer sidebar on the left shows the project structure, including a 'GitHub Repo' folder and various subfolders like 'Java DSA', 'Java Programs', and 'PW Skills DevOps and Cloud Computing Aug'24'. The main editor area displays the CSS code for 'styles6.css', which includes a header section, a container styling section, a paragraph styling section, and a footer styling section.

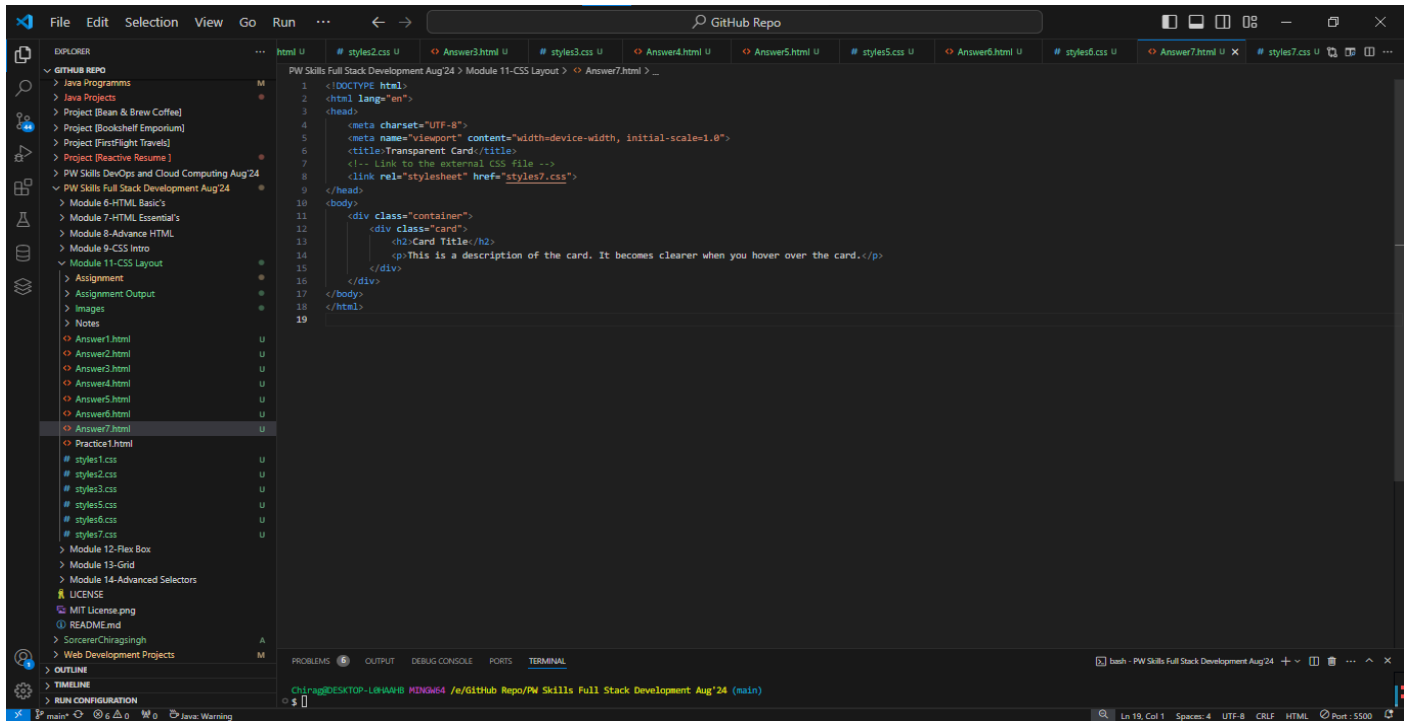
```
13 header {
14   font-family: 'Oswald', sans-serif;
15   font-size: 2.5rem;
16   margin: 0;
17 }
18
19 h1 {
20   font-family: 'Oswald', sans-serif;
21   font-size: 2.5rem;
22   margin: 0;
23 }
24
25 /* Container styling for layout */
26 .container {
27   padding: 20px;
28   max-width: 800px;
29   margin: 0 auto;
30 }
31
32 /* Styling for the image */
33 img {
34   max-width: 100%;
35   height: auto;
36   margin: 20px 0;
37 }
38
39 /* Styling for the paragraph */
40 p {
41   font-family: 'Montserrat', sans-serif;
42   font-size: 1rem;
43   line-height: 1.6;
44   margin: 0 auto;
45 }
46
47 /* Footer styling */
48 footer {
49   background-color: #333;
50   color: white;
51   padding: 10px;
52   position: absolute;
53   bottom: 0;
54   width: 100%;
55 }
56
57 footer p {
58   margin: 0;
59 }
```

About Us



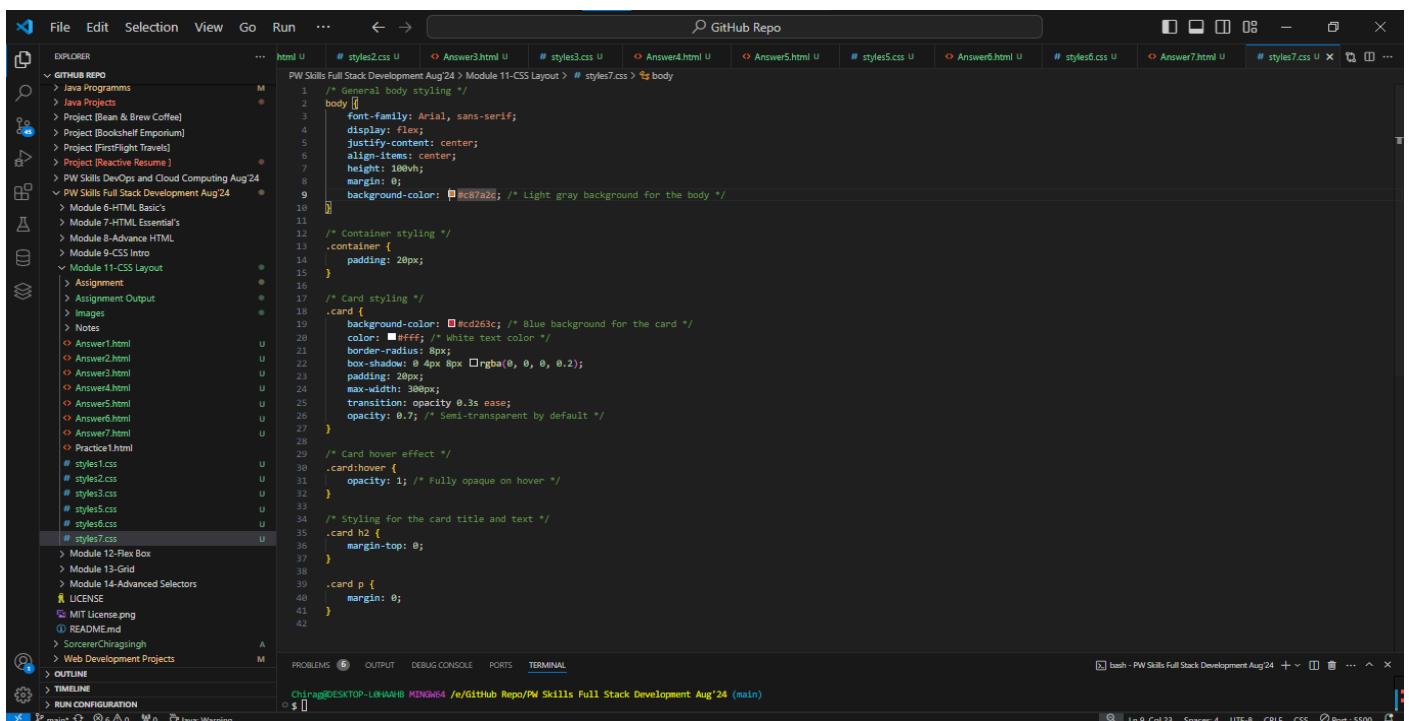
Welcome to PW Skills! We are dedicated to providing top-notch educational services and resources to help you excel in your career. Our mission is to empower individuals with the knowledge and skills needed to thrive in today's competitive job market. Explore our courses and join a community of learners committed to personal and professional growth.

Q7.) Create a simple webpage with a card similar to question number 2. The card must be semi-transparent as default and on hovering the card must be displayed clearly. Use CSS opacity to achieve this output.



The screenshot shows the VS Code editor with a file explorer on the left and a code editor on the right. The file explorer shows a project named 'PW Skills Full Stack Development Aug'24' with a folder 'Module 11-CSS Layout' containing files like 'Answer1.html' through 'Answer7.html' and 'Practice1.html'. The code editor shows the content of 'Answer7.html', which is an HTML document with a card structure. The card is a div with a class 'card' containing a title and a paragraph. The card is currently semi-transparent.

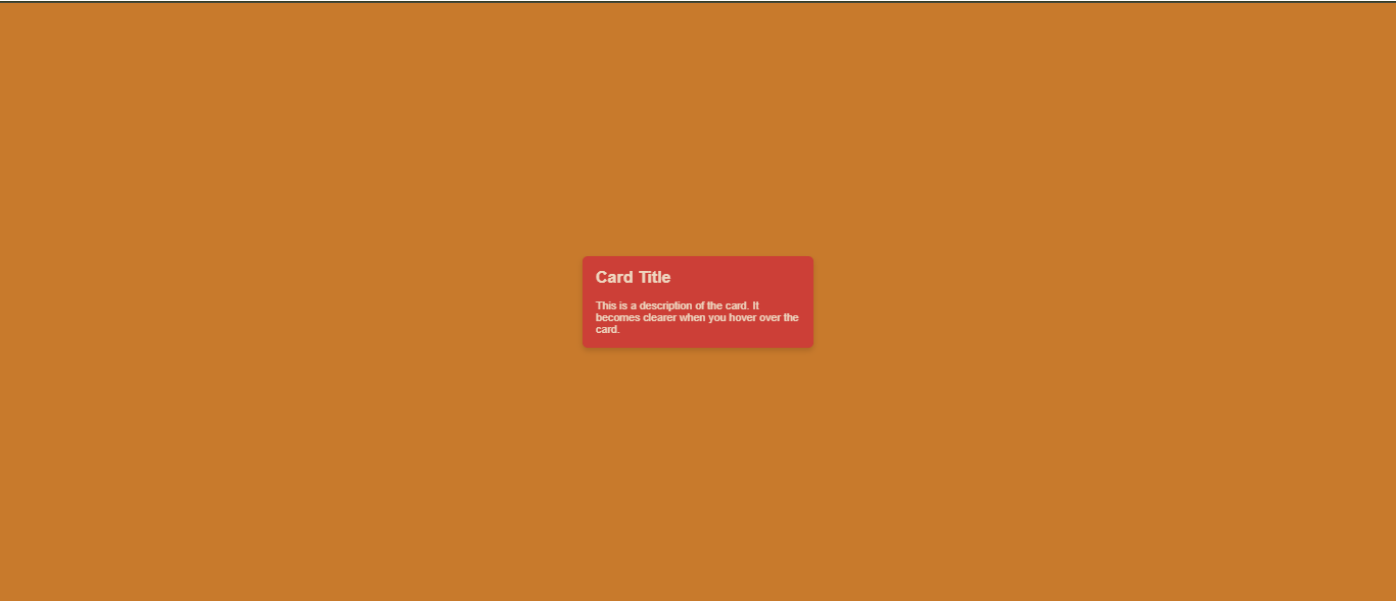
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Transparent Card</title>
7   <!-- Link to the external CSS file -->
8   <link rel="stylesheet" href="styles7.css">
9 </head>
10 <body>
11   <div class="container">
12     <div class="card">
13       <h2>Card Title</h2>
14       <p>This is a description of the card. It becomes clearer when you hover over the card.</p>
15     </div>
16   </div>
17 </body>
18 </html>
19
```



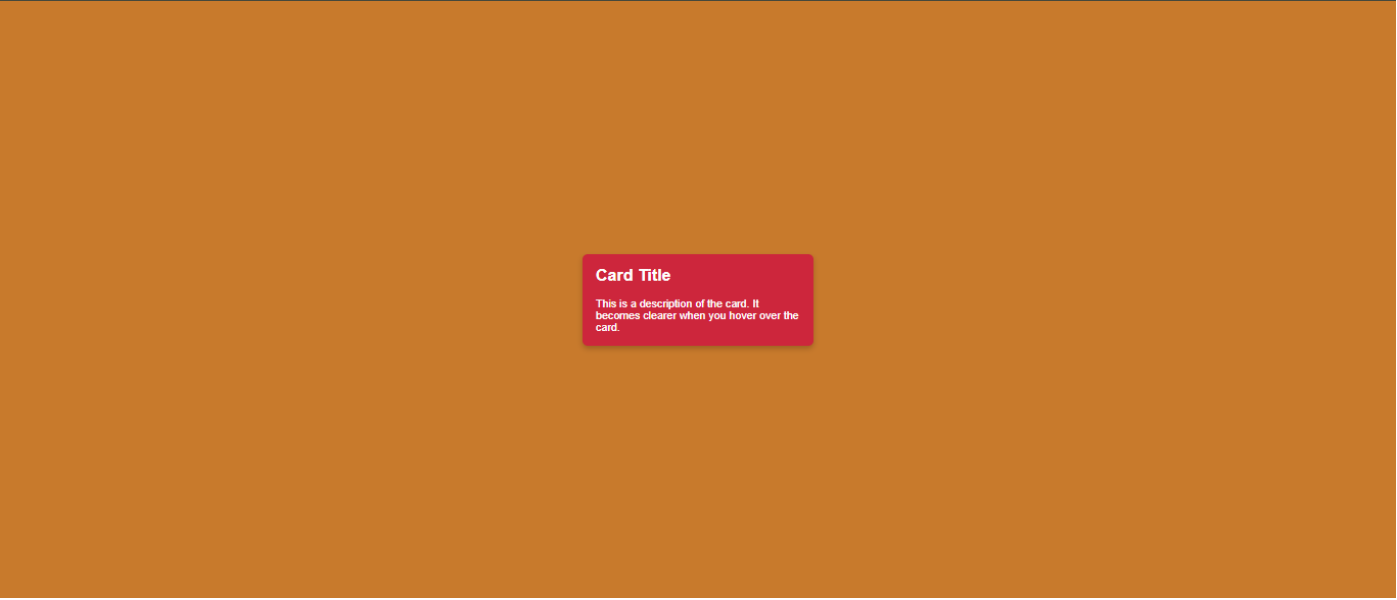
The screenshot shows the VS Code editor with a file explorer on the left and a code editor on the right. The file explorer shows the same project as the previous screenshot. The code editor shows the content of 'styles7.css', which contains CSS rules for the card. The card is styled with a light gray background, a blue background for the card itself, and white text. The card is semi-transparent by default and becomes fully opaque on hover.

```
1 /* General body styling */
2 body {
3   font-family: Arial, sans-serif;
4   display: flex;
5   justify-content: center;
6   align-items: center;
7   height: 100vh;
8   margin: 0;
9   background-color: #e8e8e8; /* Light gray background for the body */
10 }
11
12 /* Container styling */
13 .container {
14   padding: 20px;
15 }
16
17 /* Card styling */
18 .card {
19   background-color: #4a7ebb; /* Blue background for the card */
20   color: #fff; /* White text color */
21   border-radius: 8px;
22   box-shadow: 0 4px 8px #000;
23   padding: 20px;
24   max-width: 300px;
25   transition: opacity 0.3s ease;
26   opacity: 0.7; /* Semi-transparent by default */
27 }
28
29 /* Card hover effect */
30 .card:hover {
31   opacity: 1; /* Fully opaque on hover */
32 }
33
34 /* Styling for the card title and text */
35 .card h2 {
36   margin-top: 0;
37 }
38
39 .card p {
40   margin: 0;
41 }
42
```

1.Without hover



2.After hover



Q8.) Create a simple list of items as mentioned in the below image.

The screenshot shows the VS Code editor with a file explorer on the left and a code editor in the center. The file explorer shows a project structure for 'PW Skills Full Stack Development Aug'24'. The code editor displays the HTML structure for a simple list. The HTML code is as follows:

```
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>Simple List</title>
7   <!-- Link to the external CSS file -->
8   <link rel="stylesheet" href="styles8.css">
9 </head>
10 <body>
11   <div class="container">
12     <h1>Requirements For This Code</h1>
13     <ul class="item-list">
14       <li><!-- System with i3 processor or more. --></li>
15       <li><!-- Atleast 4gb of RAM. --></li>
16       <li><!-- Stable internet connection. --></li>
17       <li><!-- Silent Room. --></li>
18       <li><!-- Dedication. --></li>
19     </ul>
20   </div>
21 </body>
22 </html>
```

The screenshot shows the VS Code editor with a file explorer on the left and a code editor in the center. The file explorer shows a project structure for 'PW Skills Full Stack Development Aug'24'. The code editor displays the CSS styling for the simple list. The CSS code is as follows:

```
1 /* General body styling */
2 body {
3   font-family: Arial, sans-serif;
4   display: flex;
5   justify-content: center;
6   align-items: center;
7   height: 100vh;
8   margin: 0;
9   background-color: #f4f4f4; /* Light background color */
10 }
11
12 /* Container styling */
13 .container {
14   padding: 20px;
15   background-color: #ffffff; /* White background for the container */
16   border-radius: 8px;
17   box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
18 }
19
20 /* List styling */
21 .item-list {
22   list-style-type: disc; /* Default bullet points */
23   padding-left: 20px; /* Space between the bullet and text */
24 }
25
26 .item-list li {
27   margin-bottom: 10px; /* Space between list items */
28   font-size: 1.2rem; /* Slightly larger font size */
29 }
30
```

Requirements For This Code

- System with i3 processor or more.
- Atleast 4gb of RAM.
- Stable internet connection
- Silent Room
- Dedication