**2.To Study &Create Presentation Layer using HTML & CSS using visual studio 2019**

Certainly! Visual Studio 2019 is a great tool for web development, and it provides a convenient environment for creating HTML and CSS files. Here's a step-by-step guide on how to create a presentation layer using HTML and CSS in Visual Studio 2019:

**1.Install Visual Studio 2019:** If you haven't already, download and install Visual Studio 2019 from the official Microsoft website.

1. **Create a New Project:** Open Visual Studio 2019 and create a new project by following these steps:
   * Go to "File" > "New" > "Project..."
   * In the "Create a new project" window, select "Web" from the left sidebar.
   * Choose "ASP.NET Web Application" as the project template.
   * Enter a name for your project and choose a location to save it.
   * Click "Create."
2. **Choose Web Application Template:** In the "Create a new ASP.NET Core Web Application" window:
   * Select "Empty" template. This will give you a clean slate to build your presentation layer.
3. **Add HTML and CSS Files:** Right-click on the "wwwroot" folder in the Solution Explorer and select "Add" > "New Folder." Name the folder "css" to store your CSS files.

Right-click on the "css" folder and select "Add" > "New Item..." In the "Add New Item" dialog, select "Web" from the left sidebar and choose "Style Sheet (CSS)" from the available templates. Name the file "styles.css" and click "Add."

Next, right-click on the "wwwroot" folder again and select "Add" > "New Item..." Choose "HTML Page" from the available templates. Name the file "index.html" and click "Add."

1. **Edit HTML and CSS:**

Double-click on "index.html" to open it in the code editor.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="site.css">

<title>Your Presentation</title>

</head>

<body>

<header>

<h1>Your Presentation Title</h1>

</header>

<nav>

<!-- Navigation links here -->

</nav>

<main>

<!-- Main content here -->

</main>

<footer>

<p>&copy; 2023 Your Name</p>

</footer>

</body>

</html>

Similarly open style.css and add css code

/\* Reset default margin and padding \*/

body, h1, h2, h3, p {

margin: 0;

padding: 0;

}

/\* Basic styling \*/

body {

font-family: Arial, sans-serif;

background-color: #f5f5f5;

}

header {

background-color: #333;

color: white;

padding: 10px;

text-align: center;

}

nav {

background-color: #444;

color: white;

padding: 5px;

text-align: center;

}

main {

padding: 20px;

}

footer {

background-color: #333;

color: white;

text-align: center;

padding: 10px;

}

**Link CSS to HTML:**

1. In the **<head>** section of your "index.html" file, link the "styles.css" file by adding the following line:<link rel=”stylesheet” href=”styles.css”>
2. **Preview in Browser:** Right-click on "index.html" in the Solution Explorer and select "View in Browser" to preview your presentation layer in a web browser.
3. **Make Changes and Refine:** Use Visual Studio's code editor to make changes to your HTML and CSS. You can preview the changes by refreshing the browser.
4. **Responsive Design:** To make your presentation layer responsive, you can add CSS media queries to your "styles.css" file. These queries will apply different styles based on the screen size.

