Task Session (5)

Objective: Design and implement a professional portfolio webpage using advanced CSS techniques, including CSS Grid, Flexbox, and CSS Variables.

Instructions:

1. HTML Structure:

- **Create a basic HTML structure for a portfolio webpage. The page should include the following sections:**

  - **Header:** Includes your name or logo, and a navigation menu.

  - **Main Content:** Features sections like About Me, Projects, and Contact.

  - **Footer:** Includes contact information and social media links.

2. Portfolio Layout:

- **Header:** Design a clean and visually appealing header using Flexbox or Grid. Ensure that the navigation menu is easily accessible.

- **Main Content:** Use CSS Grid to create a structured layout for the About Me, Projects, and Contact sections. Each section should be clearly defined and responsive.

- **Footer:** Style the footer with relevant information and ensure it is aligned with the rest of the content.

3. Advanced CSS Techniques:

- **CSS Grid**: Utilize CSS Grid to manage the layout of the main content area. Define grid areas for different sections and adjust their sizes and positions.

- **Flexbox**: Apply Flexbox for elements within each section to ensure proper alignment and spacing. For example, use Flexbox for aligning project thumbnails or contact form fields.

- **CSS Variables**: Use CSS Variables to manage colors, fonts, and spacing throughout the portfolio. Define variables in a central location and apply them consistently across the stylesheet.

4. Responsive Design:

 - Ensure that the portfolio is fully responsive. Use media queries to adjust the layout and styling for different screen sizes, such as mobile phones, tablets, and desktops.

5. Styling and Enhancements:

 - Add styles to enhance the visual appeal of the portfolio, including background colors, typography, and spacing. Incorporate hover effects and transitions for interactive elements.

 - Consider adding a section for featured projects with images or descriptions, and style these elements for a professional look.

Example