



Day-06 Assignment

Build a Personal Portfolio Webpage

Objective:

Create a simple and responsive personal portfolio webpage using **HTML**, **CSS**, and **Flexbox** concepts learned so far.

Assignment Tasks

Task 1: Setup the Project Structure

1. Create a folder named `portfolio`.
 2. Inside the folder, create the following files:
 - `index.html`
 - `style.css`
 3. Link the CSS file to the HTML file.
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Task 2: Design the Portfolio Structure

1. **Header Section:**
 - Use a `<header>` tag to create a navigation bar.
 - Add your name/logo on the left and navigation links (Home, About, Projects, Contact) on the right.
 - Use **Flexbox** to align the items horizontally.
2. **About Section:**
 - Use a `<section>` tag to write a brief introduction about yourself.
 - Include an image of yourself (or a placeholder) and a short description side by side using **Flexbox**.
3. **Projects Section:**

- Use a `<section>` tag to display at least three projects you've worked on.
- Each project should include:
 - A project title.
 - A brief description.
 - A "View More" link.
- Arrange the projects in a responsive card layout using **Flexbox**.

4. Contact Section:

- Use a `<footer>` tag to include:
 - Your email address.
 - Social media links.
 - A "Back to Top" link (anchor link).
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Task 3: Add Styling with CSS

1. Style the navigation bar:
 - Use `justify-content` to space out the items.
 - Highlight the current active section (e.g., underline or bold).
 2. Style the About section:
 - Use `align-items: center;` to align the image and text vertically.
 - Add padding and margin to ensure proper spacing.
 3. Style the Projects section:
 - Use `flex-wrap: wrap;` to ensure the cards wrap when the screen size is smaller.
 - Add a hover effect to the "View More" links.
 4. Style the Contact section:
 - Center-align the content.
 - Add spacing between the elements.
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Portfolio Features to Implement

1. Responsive Layout:

- Use Flexbox properties like `flex-wrap` and `justify-content` to make the layout adjust to different screen sizes.

2. Semantic HTML:

- Use `<header>`, `<section>`, `<footer>` for better structure.

3. Media Elements:

- Include your image or a placeholder.

4. Links:

- Use anchor tags for navigation links and project links.

5. Box Model:

- Use padding, margins, and borders to create spacing and style elements.

Example Design Flow

1. Header (Navigation Bar):

```
[ Your Name/Logo ] [ Home | About | Projects | Contact ]
```

2. About Section:

```
[ Your Image ] [ Short Introduction about yourself ]
```

3. Projects Section:

```
[ Project 1 Card ] [ Project 2 Card ] [ Project 3 Card ]
```

4. Contact Section:

```
[ Email Address ] [ Social Media Links ] [ Back to Top ]
```

Bonus Task (Optional)

- Add a sticky navigation bar using `position: sticky;`.
 - Include a smooth scroll effect for anchor links.
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Submission Instructions

1. Save the project folder as `portfolio`.
2. Ensure all links and images work correctly.