

# Lab 4 Activity: Building an Interactive "About Me" Page with CSS

**Objective:** To create an interactive "About Me" page using CSS states, animations, layout with flexboxes, selectors styling, and themed around personal information.

## Materials Needed:

- Text editor (e.g., Visual Studio Code, Sublime Text)
- Web browser (e.g., Chrome, Firefox)
- Internet connection (for resources and research)

**Duration:** Approximately 2 hours

## Instructions:

### 1. Setup:

- Open your preferred text editor.
- Create a new HTML file and name it "index.html".
- Create a new CSS file and name it "styles.css".
- Link the CSS file to your HTML file using `<link rel="stylesheet" href="styles.css">`.

### 2. HTML Structure:

- Start by structuring your HTML file with basic elements like `<header>`, `<nav>`, `<section>`, `<footer>`, etc.
- Within the `<section>`, create divisions for different aspects of your "About Me" page, such as personal information, hobbies, skills, etc.
- Use semantic HTML elements to enhance accessibility and SEO.

### 3. CSS Styling:

- Apply basic styles to your HTML elements using CSS selectors.
- Use flexbox layout to arrange elements in a visually pleasing way.
- Experiment with different CSS properties to style text, backgrounds, borders, and margins/padding.
- Add hover effects to elements using the `:hover` selector.
- Create custom animations using `@keyframes` and apply them to elements.

### 4. CSS States:

- Implement CSS states such as `:hover`, `:active`, `:focus` to add interactivity.
- Customize the appearance of links when hovered or clicked.
- Utilize transitions to make state changes smooth and visually appealing.

### 5. Content:

- Populate your "About Me" page with relevant personal information, including your name, biography, interests, hobbies, skills, etc.
- Incorporate images or videos to enhance visual appeal and convey information effectively.

### 6. Testing and Refinement:

- Test your page in different web browsers to ensure cross-browser compatibility.
- Use browser developer tools to inspect and debug your CSS and HTML code.

### Conclusion:

By completing this lab activity, you will have gained practical experience in using CSS to create an interactive and visually appealing "About Me" page. You will have demonstrated proficiency in CSS states, animations, layout using flexboxes, selectors styling, and thematic design. This project will also serve as a portfolio piece to showcase your front-end development skills to potential employers or clients.