

HTML and CSS project idea and the corresponding code to get your students started. The assignment is designed to use their knowledge of **HTML**, **CSS properties** (margins, padding, color, background-color, position, grid, flexbox, animations, transitions, transforms), **pseudo-classes**, **pseudo-elements**, and responsive design.

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## Project: Personal Portfolio Website

### Assignment Requirements

#### 1. HTML Structure:

- A header section with a navigation bar.
- A hero section with a title, description, and call-to-action button.
- An "About Me" section with an image and text.
- A "Projects" section showcasing at least three projects using a grid or flexbox layout.
- A "Contact Me" section with a form.

#### 2. CSS Styling:

- Use proper **margin** and **padding** to create spacing.
- Style the page with **background-color** and **color** to make it visually appealing.
- Implement a responsive design using **flexbox** or **CSS grid**.
- Add at least one **CSS animation** and one **CSS transition**.
- Use **pseudo-classes** (like `:hover`, `:focus`) and **pseudo-elements** (like `::before`, `::after`) creatively.
- Include **transformations** like scaling or rotating an element.

#### 3. Bonus Task:

- Add a simple loading animation for the hero section.