

HTML, CSS & JavaScript Practical Assignments

Assignment 1: Interactive Portfolio Website

Objective:

Create a personal portfolio webpage using HTML, CSS, and JavaScript. The website should introduce the user, display skills, feature a project, and include interactive elements.

Requirements:

1. HTML Structure

- Use semantic HTML5 elements
- Include sections: Header, About, Skills, Projects, Contact

2. CSS Styling

- Use Flexbox or Grid layout
- Apply a consistent theme and responsive design
- Add hover effects and transitions

3. JavaScript Interactivity

- Add a dark/light mode toggle button
- Create a "Scroll to Top" button
- Implement a simple form validation for the contact section

Deliverables:

- Folder: portfolio-site/

- index.html
- style.css
- script.js
- assets/

Evaluation: 50 marks

Assignment 2: Product Landing Page with Interactive Features

Objective:

Build a product landing page that presents a fictional product. The page should be well-designed and include interactive elements to improve user experience.

Requirements:

1. HTML Structure

- Sections: Navigation, Hero, Features, Testimonials, Pricing, Footer

2. CSS Styling

- Use Flexbox/Grid
- Responsive layout for different screen sizes
- Styled buttons and hover states

3. JavaScript Interactivity

- Implement a sticky navigation bar
- Add smooth scrolling to sections
- Create a collapsible FAQ section

Deliverables:

- Folder: product-landing-page/
 - index.html
 - style.css
 - script.js

- images/

Evaluation: 50 marks