Web Technology Laboratory

Experiment – 03
Design and Styling of a Personal Portfolio Website Using CSS

Aim

To design and develop a Personal Portfolio Website using HTML and apply basic CSS properties for styling and layout using external CSS.

Learning Objectives

After completing this experiment, students will be able to:

- Create a structured multi-section webpage.

- Apply different types of CSS selectors.

- Implement font, color, and background styling.

- Demonstrate understanding of the CSS Box Model.

- Design a navigation bar with hover effects.

Problem Statement

Design and develop your own **Personal Portfolio Website** using HTML and CSS. The website must represent your personal profile, skills, projects, and contact information.
Note: Only external CSS is allowed. Inline and internal CSS are not permitted.

File Structure (Compulsory)

- index.html

- style.css

- images folder (for profile and project images)

Portfolio Website Requirements

1. Header Section

- Full Name as main heading
- Tagline (e.g., Web Developer — Student — Designer)
- Navigation Menu: Home, About, Skills, Projects, Contact

Implementation Guidelines:

- Navigation must be horizontal.
- Remove list bullets.
- Add hover effect.
- Apply background color to header.

2. About Me Section

- Profile image
- Biography (8–10 lines minimum)
- Educational details

Implementation Guidelines:

- Add border and border-radius to image.
- Apply margin and padding.
- Use readable font styling.

3. Skills Section

- Display at least 5 skills.
- Use list or styled boxes.

Implementation Guidelines:

- Add spacing between items.
- Apply background color or border styling.

4. Projects Section

- Minimum 2 projects.

- Each must include title and short description.

- Image is optional but recommended.

Implementation Guidelines:

- Add border around each project.

- Add margin between projects.

- Apply hover effect on project box.

5. Contact Section

- Email

- Phone number

- Location

- Optional: Simple contact form

Implementation Guidelines:

- Style input fields with padding and border.

- Style submit button with hover effect.

6. Footer Section

- Copyright text

- Social media links (text links are sufficient)

- Background color different from body

CSS Implementation Requirements

Selectors (Compulsory)

Students must use:

- Element selector

- Class selector

- ID selector

- Group selector

Text and Font Styling

- Change font-family of entire website.

- Use different font sizes for headings and paragraphs.

- Apply bold and italic styles where appropriate.

- Adjust text alignment.

Colors and Background

- Background color for body.

- Different background colors for header and at least two sections.

- Maintain proper contrast for readability.

Box Model

Students must demonstrate:

- Margin

- Padding

- Border

- Border-radius

Restrictions

- No Bootstrap or external CSS frameworks.

- No Flexbox or Grid (Basic CSS only).

- No copied templates from the internet.

- Must write original code.