



### **Assignment #1 (Report)**

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**Course:**

Advance Web Development

**Submitted to:**

Sir Atif Shehzad

( Report)

### **Objectives:**

The objective of this assignment is to create a simple, responsive personal portfolio webpage using HTML5, CSS3, and JavaScript. This helps students learn core web technologies and basic front-end development concepts, including structuring a webpage, styling it, and adding interactive features.

### **Design Choices:**

#### **1. HTML5 Semantic Elements:**

- Used <header>, <nav>, <section> for clear and structured layout.
- Sections: About, Skills, Projects, Contact.

#### **2. CSS3 Styling:**

- Basic styling for colors, fonts, spacing.
- Hover effects on profile picture and project cards for interactivity.
- Responsive design with media queries for mobile screens.

#### **3. JavaScript Features:**

- Dark/Light mode toggle button.
- Smooth scroll on navigation links.

### **Features Implemented:**

- Navigation menu with smooth scrolling.
- Interactive dark/light mode toggle.
- Skills section with list of technical skills.
- Projects section with 3 sample project cards including title, description, and links.
- Contact form UI for users.
- Responsive design for both desktop and mobile devices.