# Department of Computing

**CS344: Web Engineering**

**Class: Fall 2025**

# Lab 2: Personal Portfolio

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# Instructor: Ms. Naema Asif

# Lab Engineer: Engr. Ayesha Asif

Name:Hassan Abbas

Class:BESE-14A

CMS-ID:463564

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# Lab 2: Personal Portfolio

### ****Introduction****

In this lab, you will create a **personal portfolio website** from scratch using **HTML and CSS**. The portfolio should include multiple pages, personal details, images, and styling to present yourself in a professional and creative way.

### ****Objectives****

The main objective of this lab is to:

* Build a complete multi-page HTML portfolio from scratch.
* Apply **inline and internal CSS styling** to improve presentation.
* Practice linking multiple web pages together using **hyperlinks**.
* Organize personal information (skills, hobbies, contact, images, etc.) into structured web pages.

### ****Tools / Software Requirements****

* Any text editor (e.g., Notepad, VS Code, Sublime Text)
* A modern web browser (e.g., Chrome, Edge, Firefox)
* Internet access for reference (Google, Bing, DuckDuckGo, etc.)

### ****Description****

You are required to design a **multi-page personal portfolio website** from scratch. Your portfolio should:

* Contain **at least 5 different pages** (Home, Hobbies, Contact Me, Image Gallery, Personal Skills).
* Include personal information such as your **name, hobbies, skills, and contact details**.
* Use **hyperlinks** to connect all pages (at least from home.html).
* Insert at least **5 images** and display them in an **image gallery**.
* Apply **inline or internal CSS styling** (no external CSS files allowed).
* Ensure proper structure and navigation between all pages.

Once completed, test your website in a browser, compress all files into a **.zip folder**, and upload it to LMS.

### ****Pitfalls to Avoid****

* Forgetting to upload the solution to LMS.
* Missing links between pages (broken navigation).
* Not following the requirement to use **inline/internal CSS only**.

### ****Lab Tasks****

1. Create a portfolio website from scratch.
2. Add at least the following pages:
   * **Home**
   * **Hobbies**
   * **Contact Me**
   * **Image Gallery** (with at least 5 images)
   * **Personal Skills** (e.g., programming languages, spoken languages, or other skills)
3. Use **inline or internal CSS** for styling.
4. Ensure smooth **navigation** between all pages using hyperlinks.

**EXPLANATION**:

I built a complete portfolio website from scratch with five key pages: Home, Hobbies, Personal Skills, Image Gallery, and Contact Me. Each page has its own unique style using internal CSS to keep everything neat and consistent. Navigation is smooth and easy with a menu on every page linking to all others. The Home page welcomes visitors and gives a quick intro about me. Hobbies are shown in a simple list to share my interests. Personal Skills are displayed in a clean table highlighting what I’m good at. The Image Gallery features five photos arranged nicely with small previews. The Contact page originally had a form but can also have direct contact links for quick access. Overall, the site is designed to be user-friendly, visually appealing, and easy to update. It serves as a clear online space to showcase who I am and what I do.

### ****Deliverables****

Each student must submit an individual solution containing:

* Source code of all web pages.
* Files compressed into a single **.zip folder**.
* Naming convention for the folder:
  + Name – RegistrationNo – Section
* Upload the .zip file to LMS before the deadline.