

ASSIGNMENT: REBUILD YOUR PORTFOLIO WEBSITE WITH A CSS FRAMEWORK

OBJECTIVE



The goal of this assignment is to help you understand how modern CSS frameworks simplify web development and make your websites look professional and responsive with less custom code. You will rebuild your **portfolio website** using either **Bootstrap** or **Tailwind CSS**.

This assignment will also test your ability to:

- Read and understand official documentation.
- Apply new tools to solve real-world problems.
- Practice version control with GitHub.
- Write a README to explain your project.

INSTRUCTIONS

Step 1: Research & Setup

1. Choose **one framework** (Bootstrap OR Tailwind CSS).
 -  Bootstrap Documentation: <https://getbootstrap.com/docs>
 -  Tailwind Documentation: <https://tailwindcss.com/docs>
2. Set up a new project folder on your *xampp/htdocs* for the rebuilt portfolio (bootstrap_portfolio/ tailwind_portfolio).
3. Initialize Git in the folder (git init) and connect it to a GitHub repo.

Step 2: Rebuild Your Portfolio

- Recreate the same content you had in your **last portfolio assignment**
- This time, **use the framework components** for:
 - A **navigation bar**.
 - A **hero section** (intro with name and short tagline).
 - Cards or grids to display projects (gallery).
 - Buttons styled by the framework.
 - Responsive layout (make sure it looks good on mobile & desktop).

Step 3: Add Styling & Interactivity

- Add at least **one custom CSS rule** (to see how framework + custom CSS can work together).
- Add at least **one JavaScript interaction** (example: a button that triggers an alert, or a simple form validation).

Step 4: Documentation

1. Upload your project to GitHub.
2. Add a **README.md** file that contains:
 - **Project Title.**
 - A short description of what the project is about.
 - Which framework you used (**Bootstrap or Tailwind**) and why you chose it.
 - What you learned while building the project.
 - The challenges you faced.
 - A link to the live demo (if you deploy using GitHub Pages).

Step 5: Submission

- Deadline: 📅 10am 3rd September, 2025
- Submit your GitHub repo link in the **Assignments Channel** on Slack.
- Bonus points if you also deploy the project using **GitHub Pages**.

GRADING CRITERIA (LEADERBOARD POINTS SYSTEM)

- Framework correctly implemented: **20 pts**
- Portfolio content included: **20 pts**
- Responsive design works: **15 pts**
- Custom CSS + JavaScript added: **15 pts**
- GitHub repo well-organized: **10 pts**
- README file clear and detailed: **20 pts**

Total: 100 points 🎯