Personal Website Lab

PDF HTML

October 2022

1 Introduction

Welcome to the HTML lab! Today we will be walking you through how to design a personal or portfolio website using HTML, and the CSS team will help you style it later on. We are here to provide you with suggestions, but feel free to add your own personal twist to your website; after all, it is personal!

If you have any questions, work through it with other students around you, look back at the slides or any resources linked, try some good old-fashioned Googling, or ask one of the ScottyLabs members for help. Good luck!

2 Setup

2.1 VS Code

The first thing you should do is install Visual Studio Code (VS Code), which is an integrated development environment (IDE) that will allow you to write and run your code easily. VS Code in particular has many extensions you can install that make writing in HTML and CSS very fast.

1. Download the app (According to whether you are using a Mac or Windows): `https://code.visualstudio.com/download`

2.2 Live Server Extension

To install the Live Server Extension in VSCode, click on the search icon in VS Code in the left side bar and install the extension.

To use it, click the bottom right button that says "Go Live" to see the site you built! Whenever you save, you should see your changes in real time.

2.3   File Setup

1. Create a folder on your computer called "PDF"

2. In VS Code, navigate to Explorer (the top icon on the left), click "Open Folder," and choose "PDF"

3. Open "New File...", enter file name "portfolio.html", and begin!

3   Sections

The following sections outline what should be included on your website for this lab:

3.1   About

The About section is where you tell your visitors a little about yourself and can link your contact information and other important information, such as your LinkedIn and GitHub. We suggest including:

- Name

- Biography

- Interests

    - Images (with captions!)
    - Lists
    - Tables

- Contact Information

- Links to GitHub, projects, social media, LinkedIn

- Resume

3.2   Education

For the education section, you want to highlight where you got your education (Go Tartans!) and also some key features - GPA, major, maybe some important courses.

3.3   Work Experience

Internships, research, and jobs can all go in this section. Creating a personal website allows for various methods of displaying information. We recommend using lists or tables!

3.4 Projects or Awards and Activities

We suggest using images and links of your projects along with a quick blurb to describe each project or activity.

3.5 Footer

The last section is just as important as all the others. A good footer will include:

- Contact information - succinct yet comprehensive (we suggest linking icons)

- Thank you blurb

Footers are important because they tie up your whole website and lets the reader know they're at the end!

4 Hints

Although HTML is fairly intuitive, there are a lot of small details to remember that could cause you trouble. Here are some things to check in case your code isn't compiling or it isn't displaying as you want:

- Images: Make sure you keep track of the file path and formatting the width and height to fit your web page well

- Remember to **close tags** when needed!

5 Resources

Here are links to different reference slides and guides for HTML:

ScottyLabs HTML reference slides

W3Schools HTML Tutorial