

Activity 4 (CSCI 344): Write your first HTML Page

I. Configure your computer

Install and Configure Visual Studio Code

1. Download and install Visual Studio Code (VS Code):
<https://code.visualstudio.com/>
2. From within VS Code, install some plugins:
 - a. “Live Server” (Ritwick Dey)
 - b. “Prettier”

Install Node.js

1. Open a command prompt
2. Check to see if Node.js is installed:
 - a. On Windows: Navigate to your command prompt (cmd, powershell or WSL – whatever you use) and type **node**
 - it will give you an error message if it’s not installed.
 - b. On Mac: Open your terminal and type **node** – it will give you an error message if it’s not installed.
3. If node is installed, make sure you’re using at least version 18. You can check by typing: **node -v**
4. If it’s not installed install it here:
<https://nodejs.org/en/download/prebuilt-installer>
5. Once you’ve installed it, verify that you’ve installed it by restarting your command prompt program and typing **node** at the command prompt. If it worked, you will be in “Node mode” and will be able to execute JavaScript (e.g., type `2 + 2`).

II. Organize your files

Now that you’re taking a computer science class, it’s important to think about where you’re storing your files. Please do the following **EXACTLY as specified**:

1. Create a course folder called **csci344** somewhere on your computer. Many people store theirs in Documents or on their Desktop.
2. Create a tutorials folder inside of your **csci344** folder.
3. Create a **lectures** folder inside of your **csci344** folder.
4. Create a **lecture04** folder inside of your **lectures** folder.
5. Today, you will be creating new files inside your lecture04 folder

When you're done, your file structure should look something like this:

```
csci344
├── tutorials
├── lectures
│   └── lecture04
│       └── index.html
```

III. Create an index.html file

1. Open VS Code
2. Click the “File” menu (top left) and select/click “Add Folder to Workspace...”
3. Then, navigate to your **csci344** folder (wherever you saved it), select it, and click the “Add” button (i.e., add the whole folder).
4. When you're done, you should see all of the folders you just made in the left-hand panel.
5. Finally, right-click the **lecture04** folder and select “New File...”
 - a. Name the new file **index.html** (all lowercase, no spaces).

IV. Add code to your index.html

1. Change the title of your webpage
2. Add a heading and a paragraph element (in the “body” section), and some text for each:
 - a. <https://csci344.github.io/spring2025/resources/text-tags>
3. Add 3 image tags (in the “body” section):
 - a. <https://csci344.github.io/spring2025/resources/image-tags>

4. Add a list (in the “body” section):
 - a. <https://csci344.github.io/spring2025/resources/complex-tags>
5. Create a second HTML page called page2.html
 - a. Add a hyperlink (relative path) that links from index.html to page2.html
 - b. Add a hyperlink (relative path) that links from page2.html to index.html
 - c. Refer to: <https://csci344.github.io/spring2025/resources/linking>