

In-class workshop: How to download tools for the class

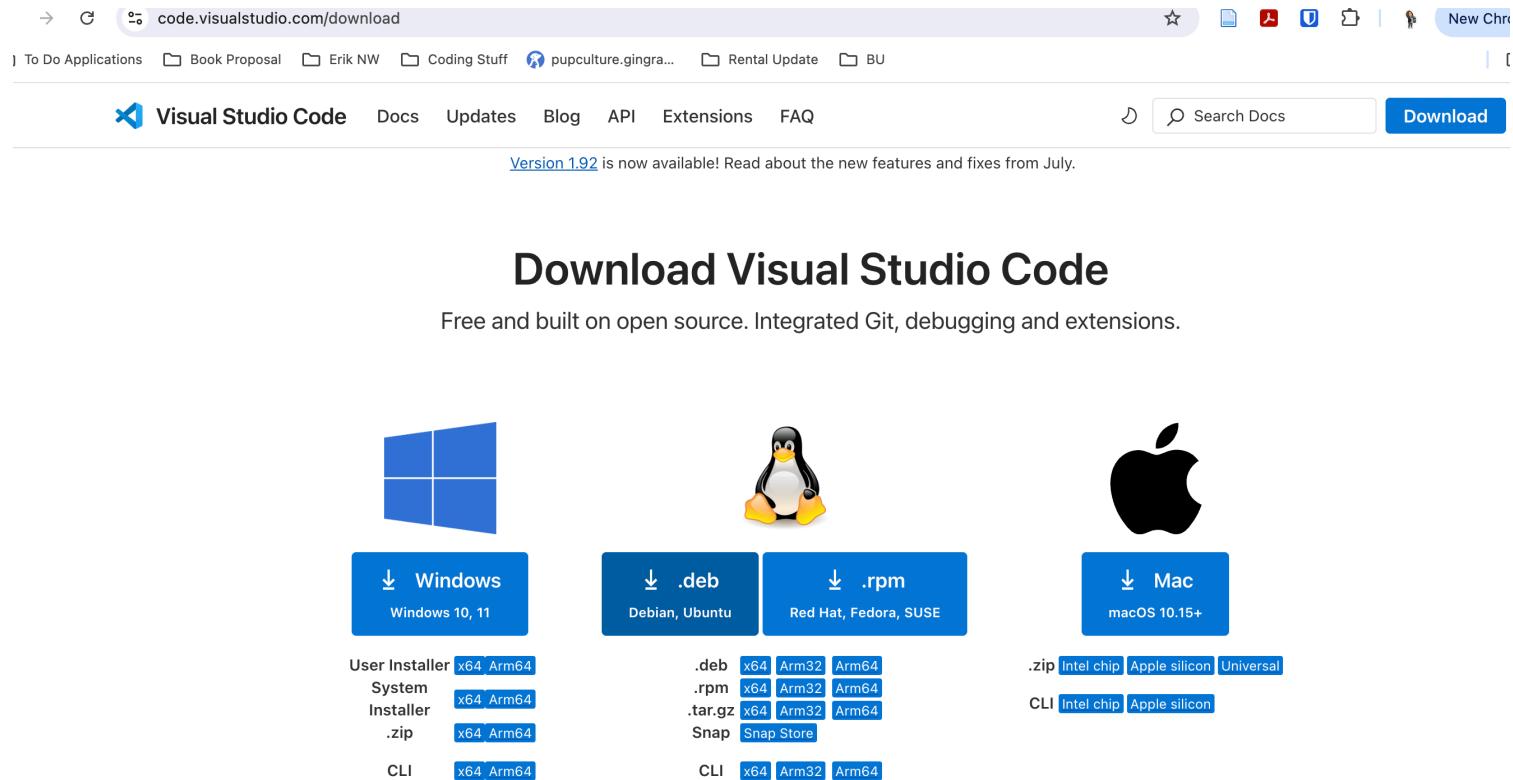
COM EM757

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September 11, 2024

VS Code!

To download go to <https://code.visualstudio.com/download>



The screenshot shows the official Visual Studio Code download page at code.visualstudio.com/download. The page features a navigation bar with links for To Do Applications, Book Proposal, Erik NW, Coding Stuff, pupculture.gingra..., Rental Update, and BU. Below the navigation is a header with the Visual Studio Code logo, a search bar, and a prominent blue "Download" button. A message indicates "Version 1.92 is now available! Read about the new features and fixes from July." The main section is titled "Download Visual Studio Code" and describes it as "Free and built on open source. Integrated Git, debugging and extensions." It provides download links for Windows, Linux, and macOS, each with specific installer options like User Installer, System Installer, .zip, and CLI. The Linux section includes links for .deb (Debian, Ubuntu), .rpm (Red Hat, Fedora, SUSE), .tar.gz (Snap), and Snap Store. The macOS section includes links for .zip (Intel chip, Apple silicon, Universal) and CLI (Intel chip, Apple silicon).

Download Visual Studio Code

Free and built on open source. Integrated Git, debugging and extensions.

[Windows](#) Windows 10, 11

User Installer [x64](#) [Arm64](#)
System Installer [x64](#) [Arm64](#)
.zip [x64](#) [Arm64](#)
CLI [x64](#) [Arm64](#)

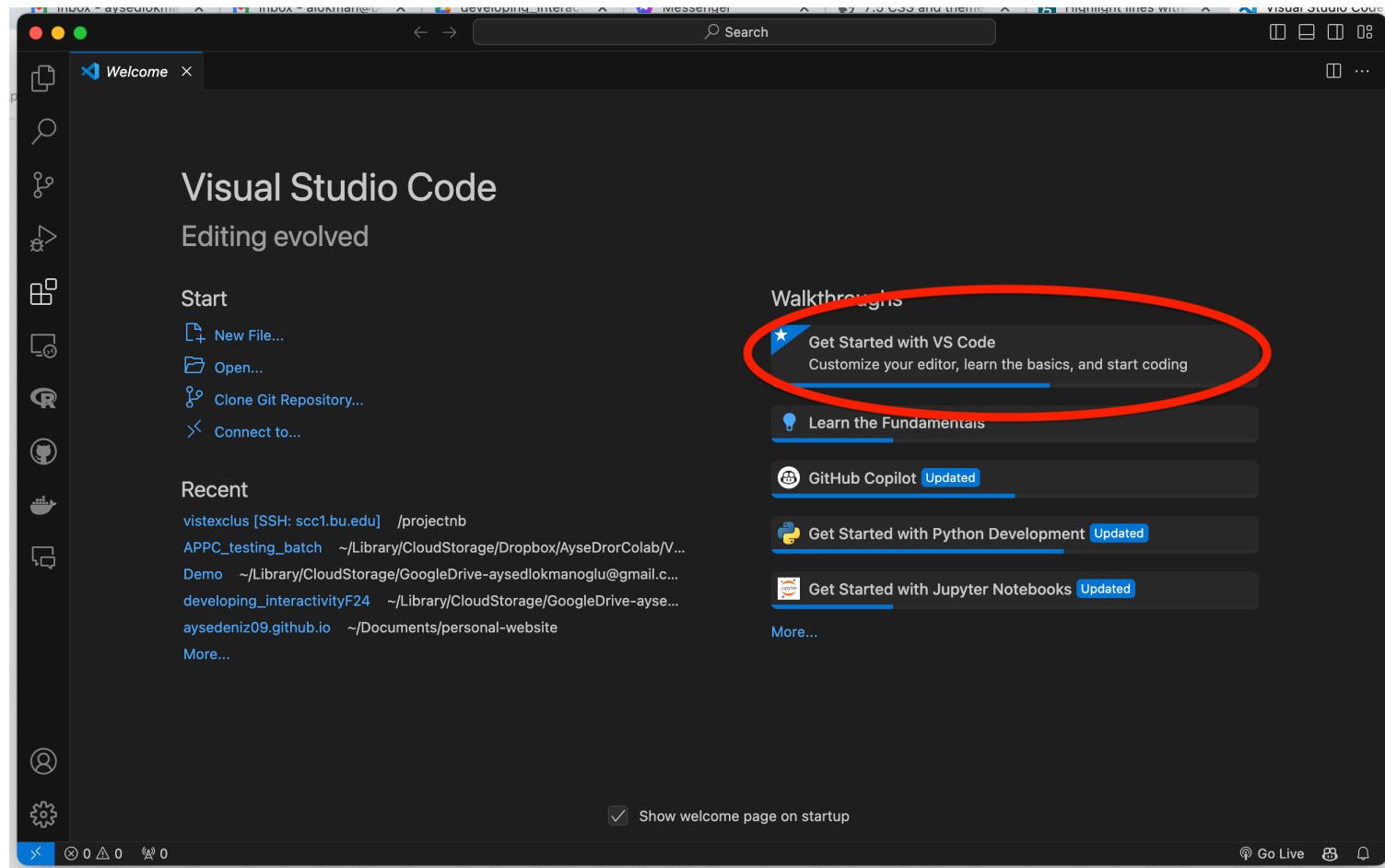
[.deb](#) [x64](#) [Arm32](#) [Arm64](#)
.rpm [x64](#) [Arm32](#) [Arm64](#)
.tar.gz [x64](#) [Arm32](#) [Arm64](#)
Snap [Snap Store](#)

[CLI](#) [x64](#) [Arm32](#) [Arm64](#)

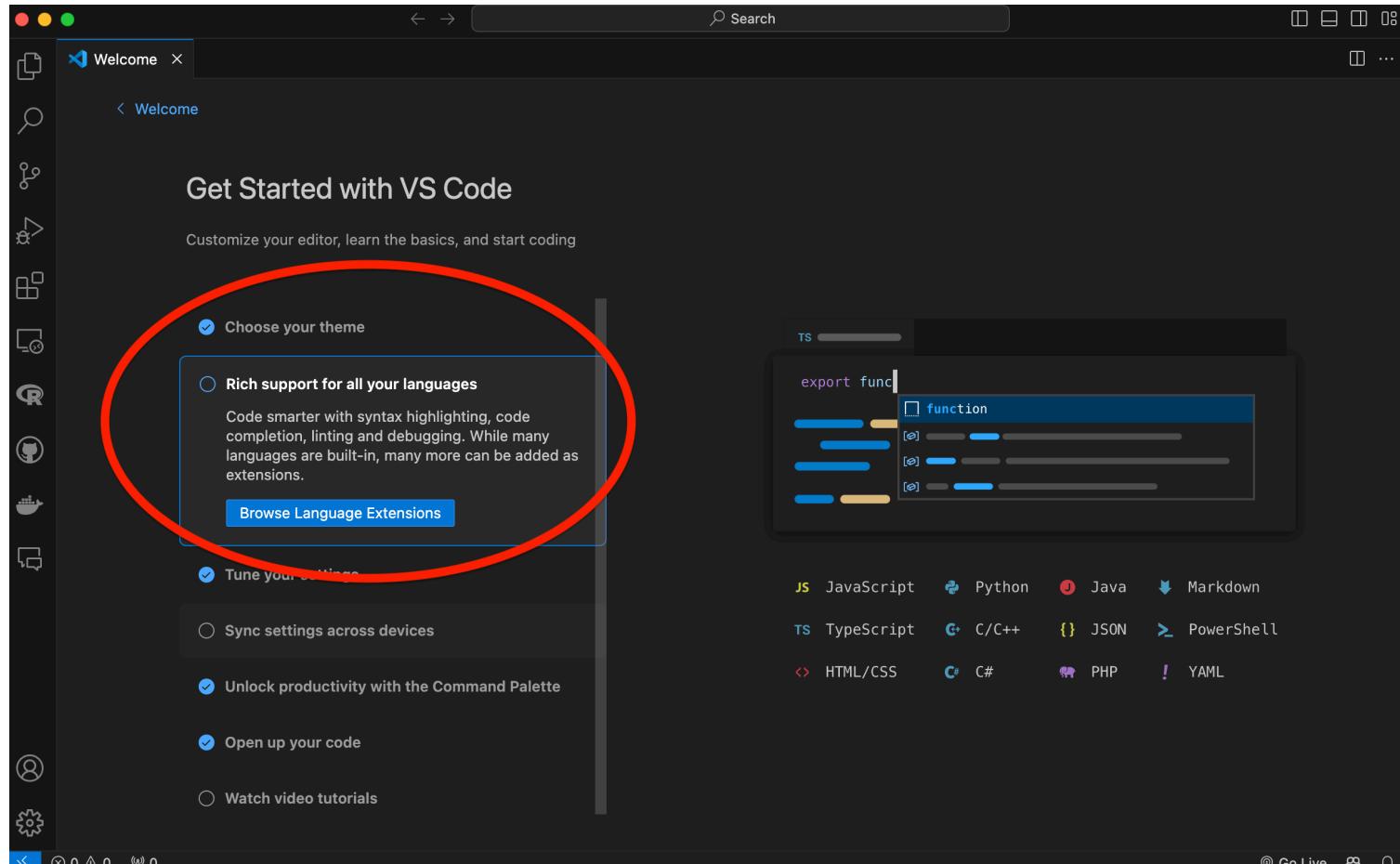
[.zip](#) [Intel chip](#) [Apple silicon](#) [Universal](#)
CLI [Intel chip](#) [Apple silicon](#)

By downloading and using Visual Studio Code, you agree to the [license terms](#) and [privacy statement](#).

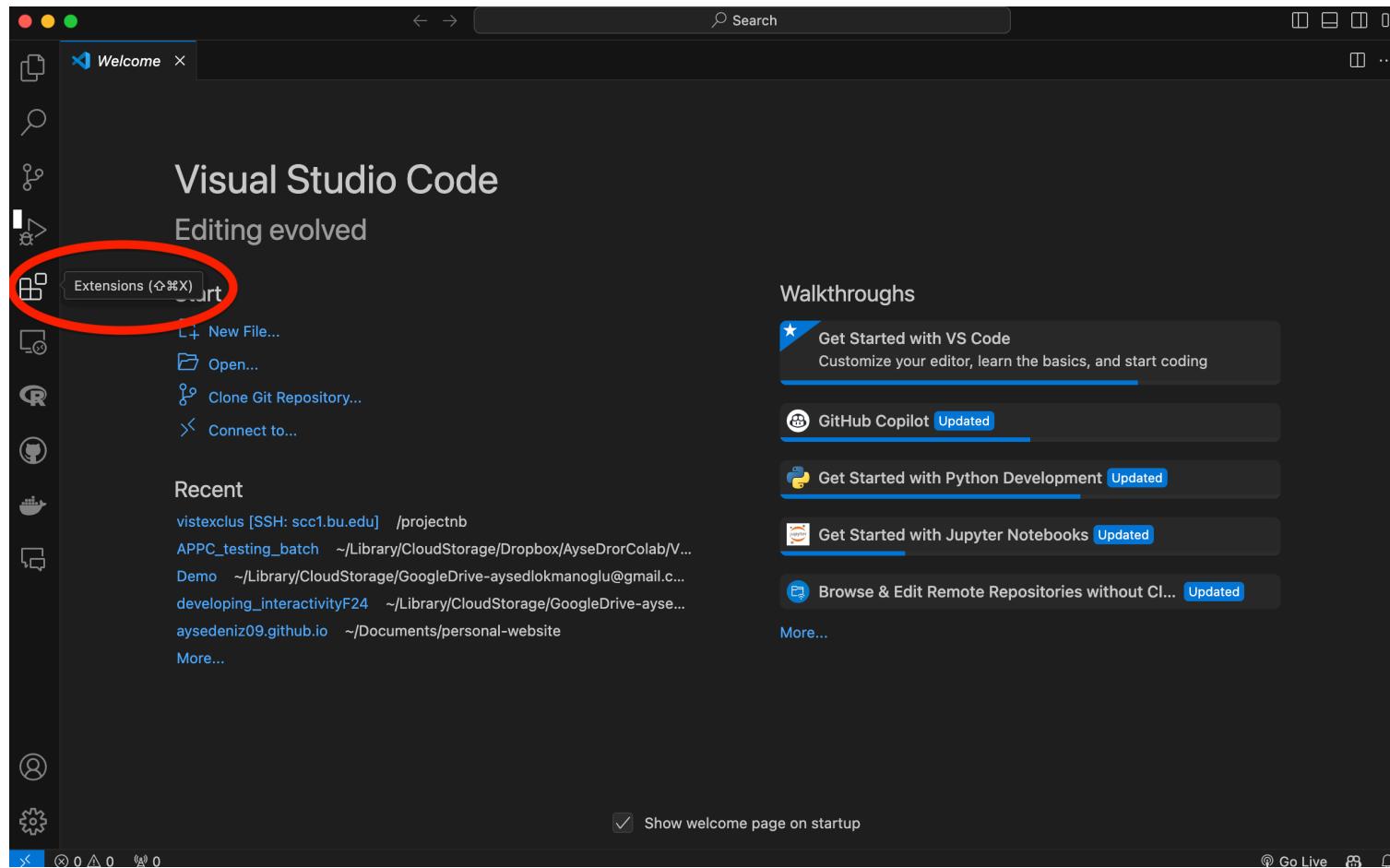
Let's set it up, customize!



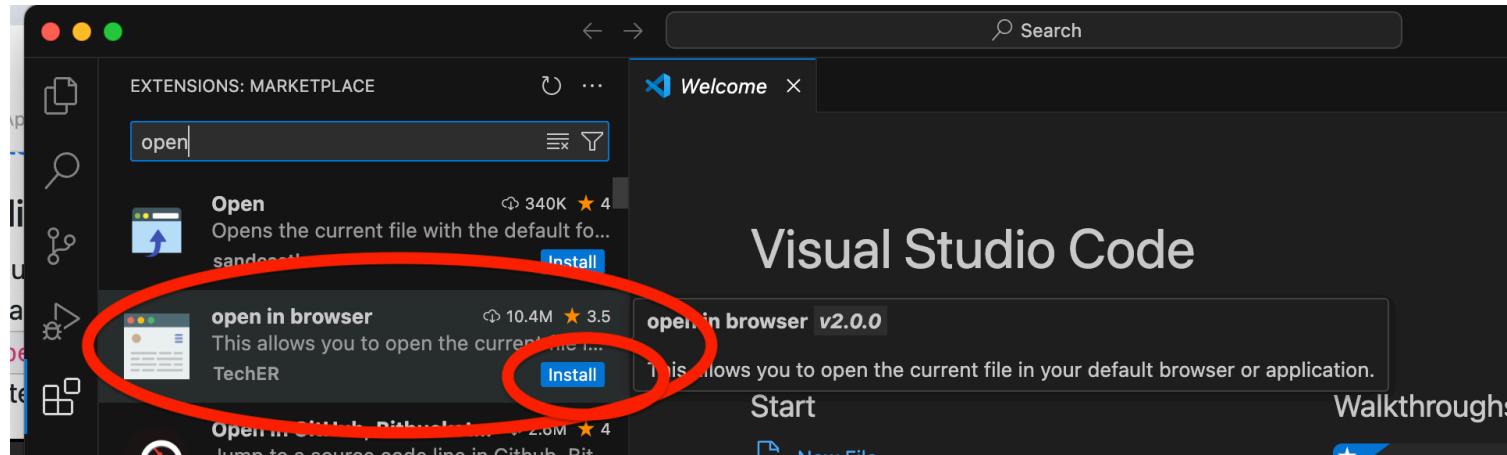
You can choose a theme but most importantly add languages



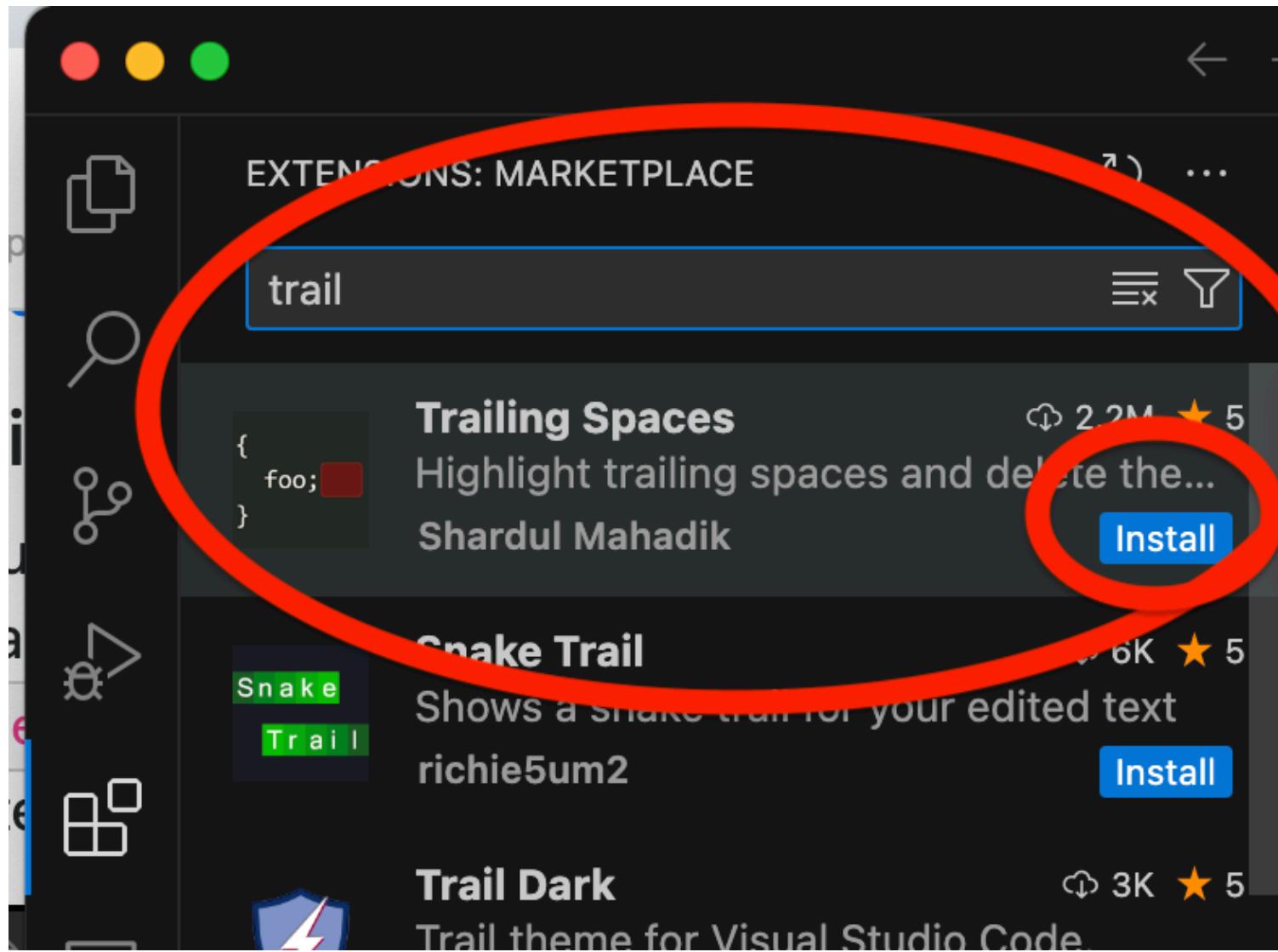
To add extensions go the left column and click on extensions



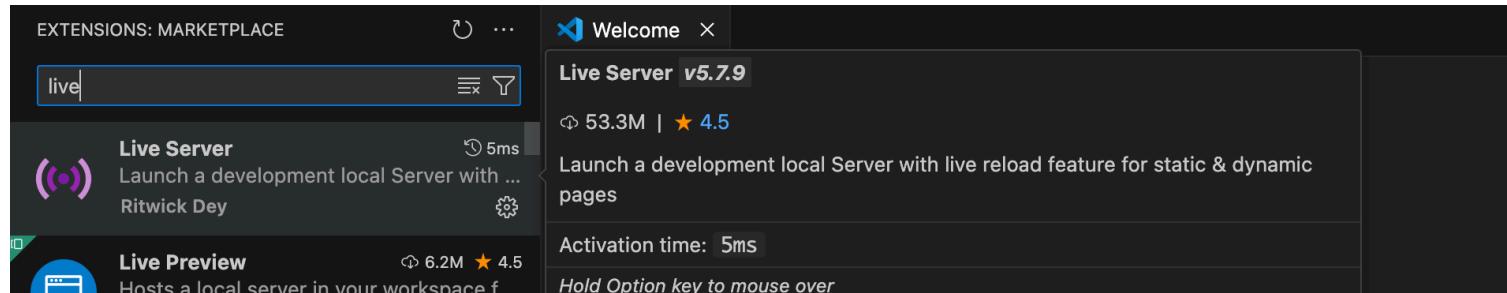
I recommend 'Open in Browsers'



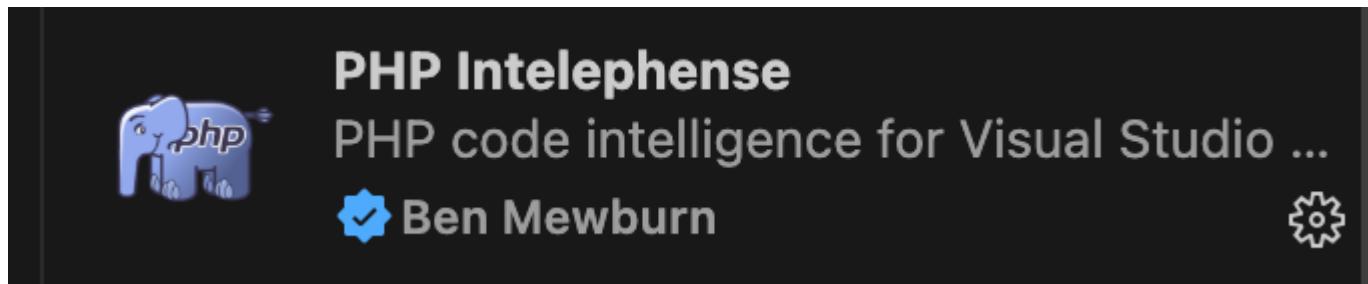
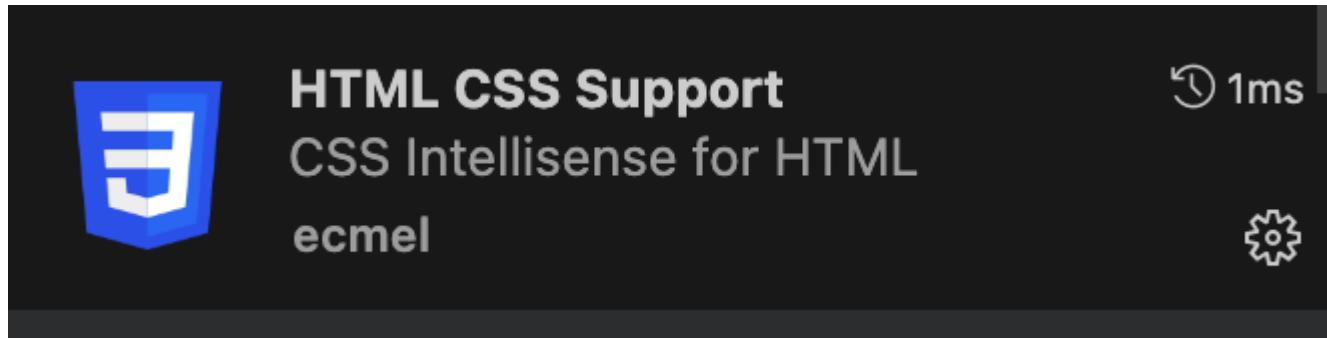
And 'Trailing Spaces'



And 'Live Server'

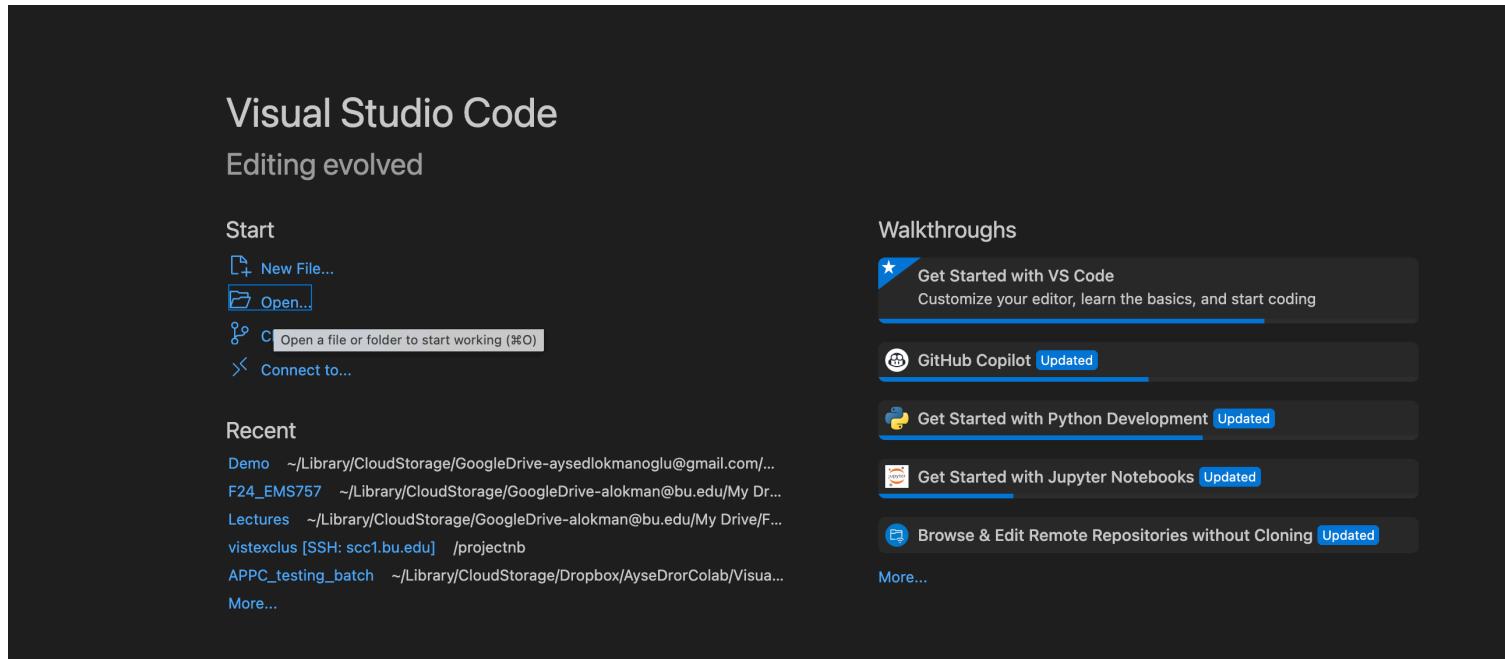


Add more extensions if needed

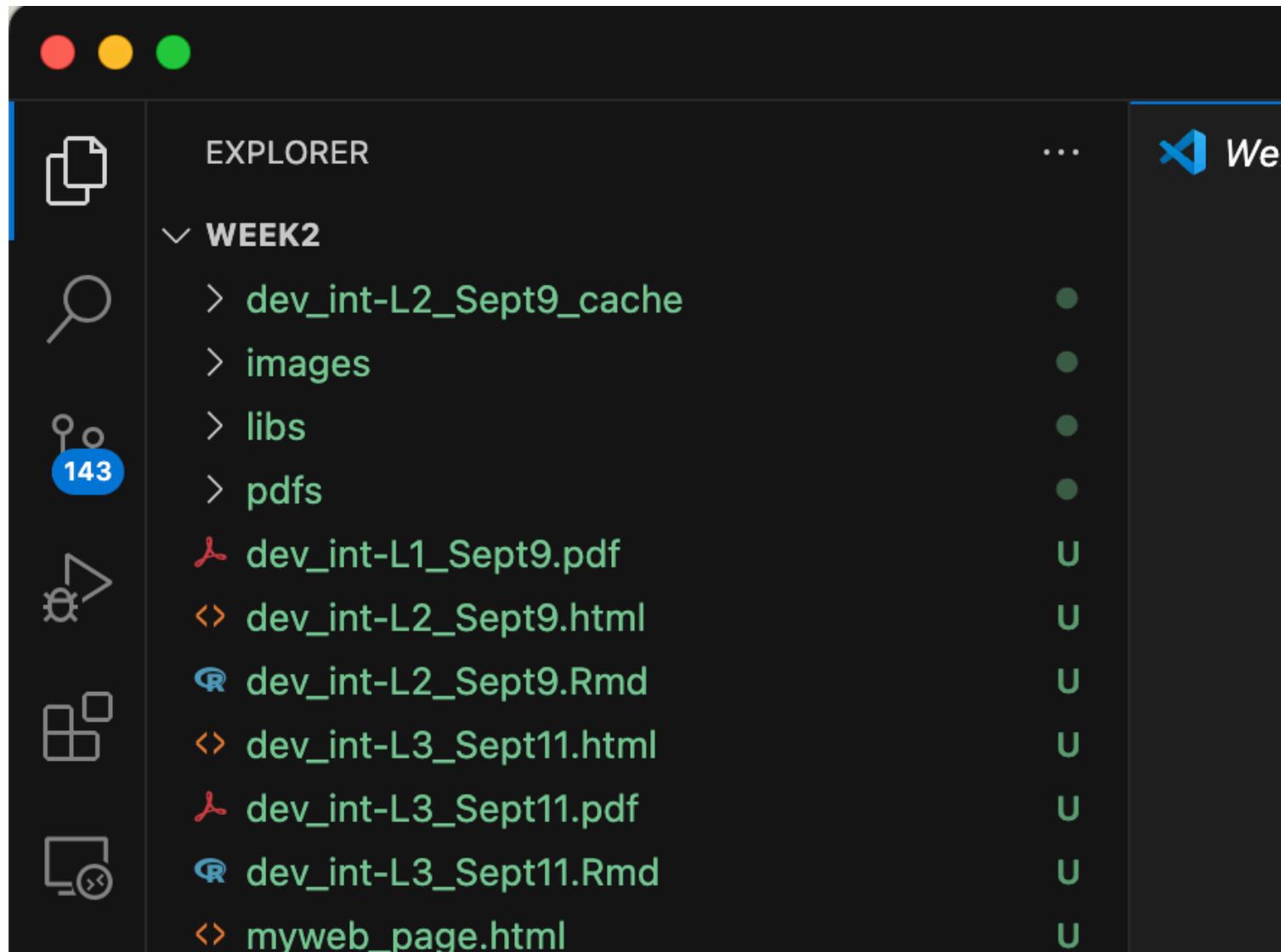


First let's open our working space

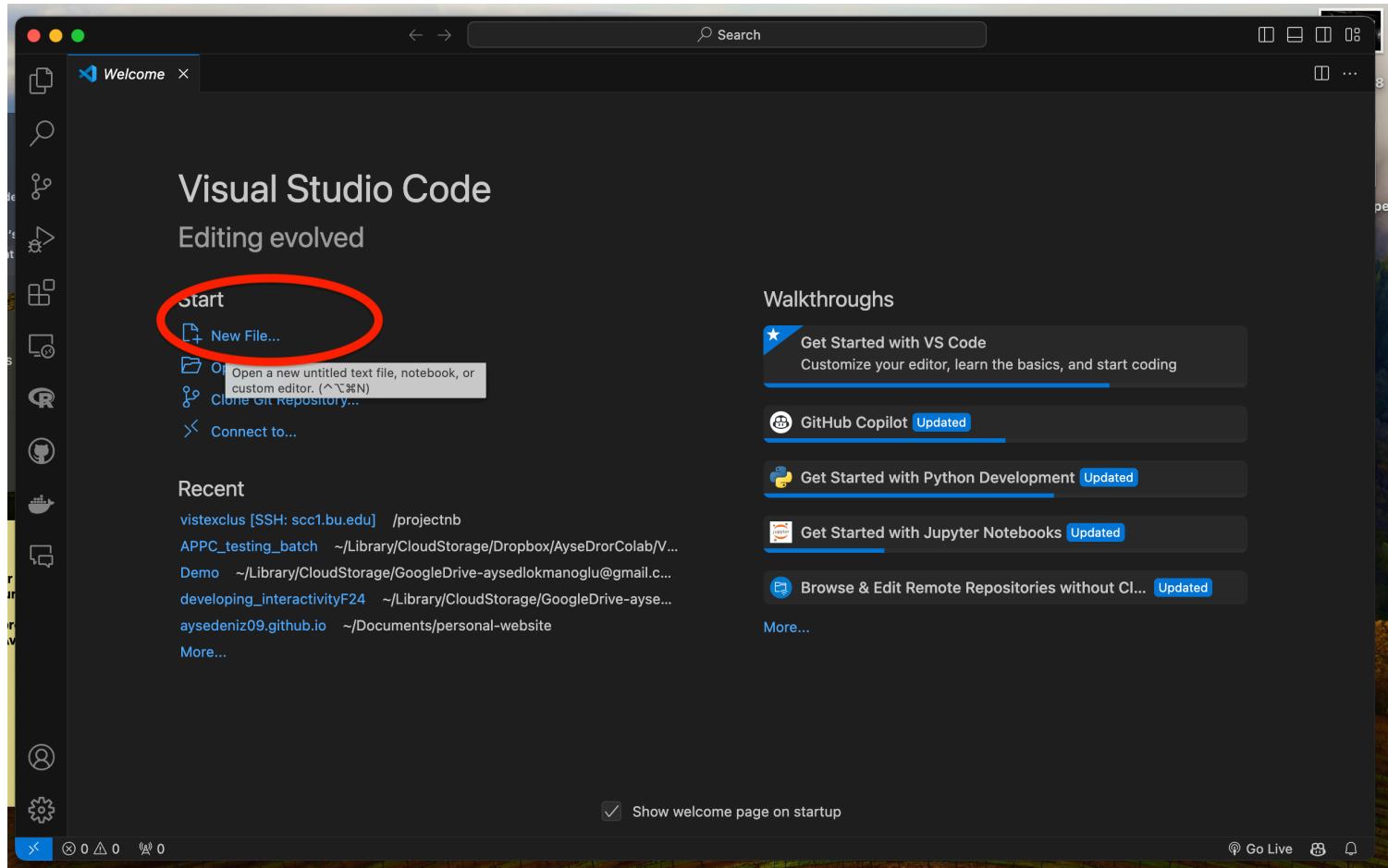
Open Folder



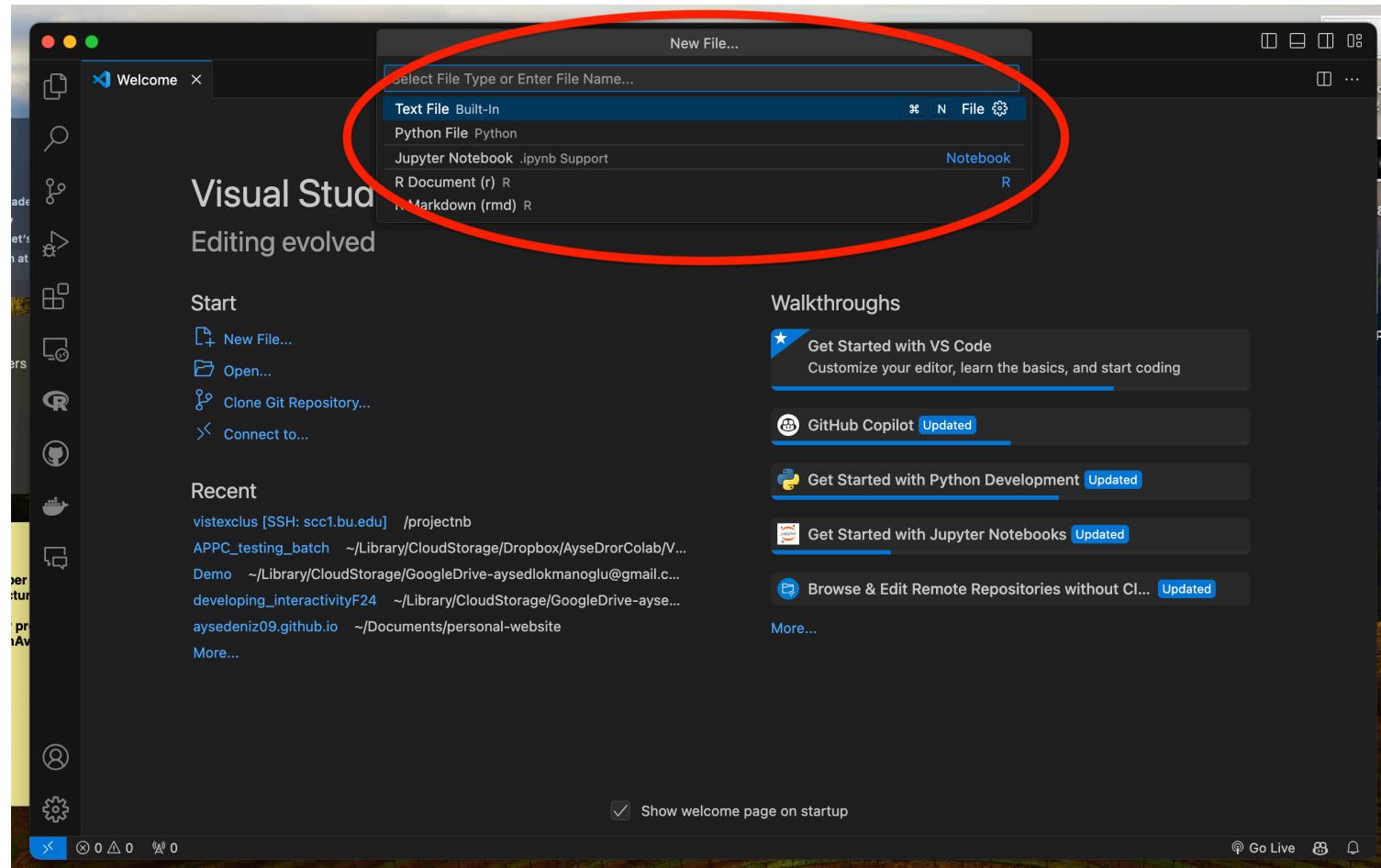
Now you see your folder on the left hand side



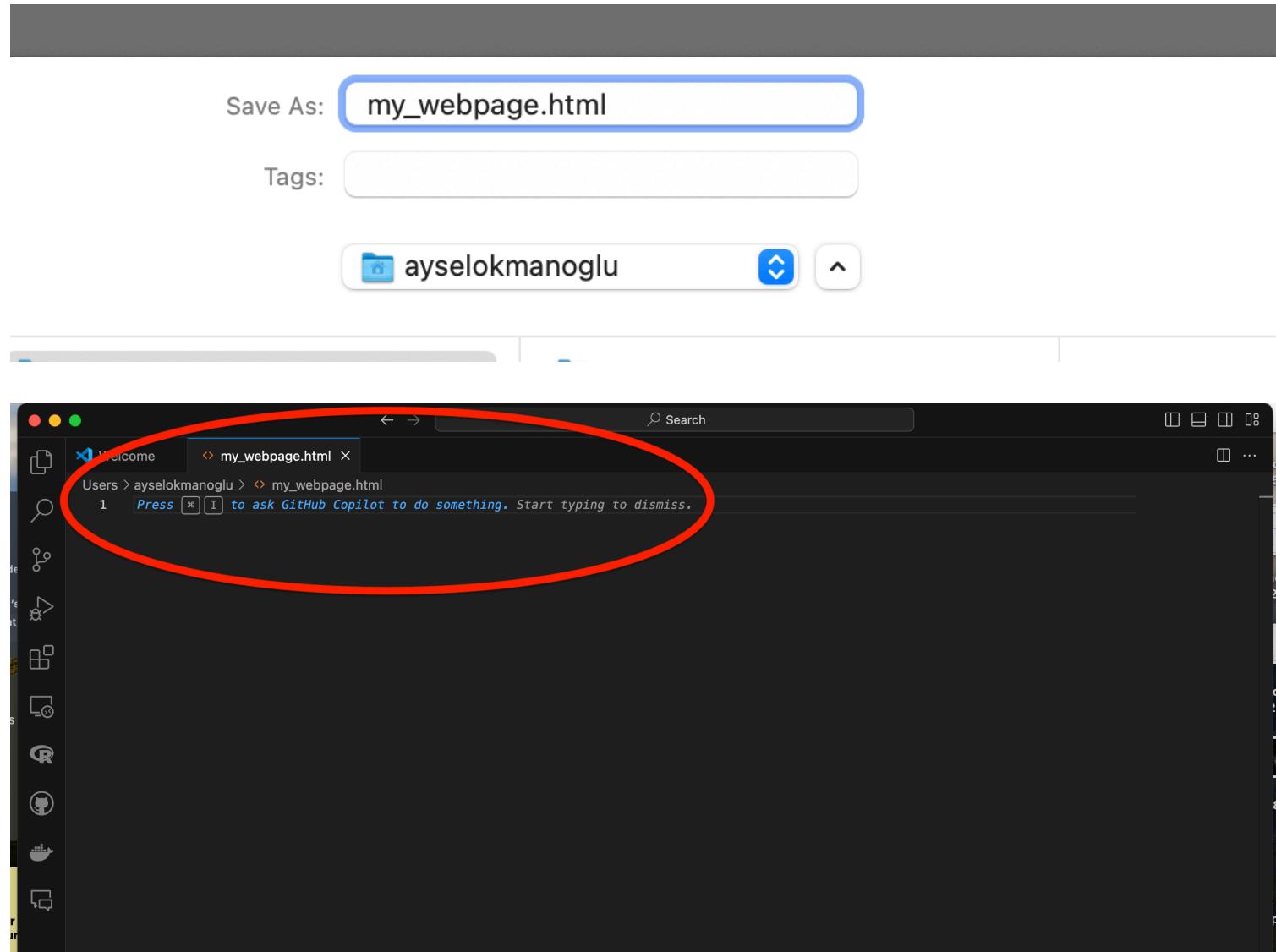
Let's open a text file



Select text file



Cool function of VS Code is when you save a file with whatever extension you want it will assist you with that!



Open a file

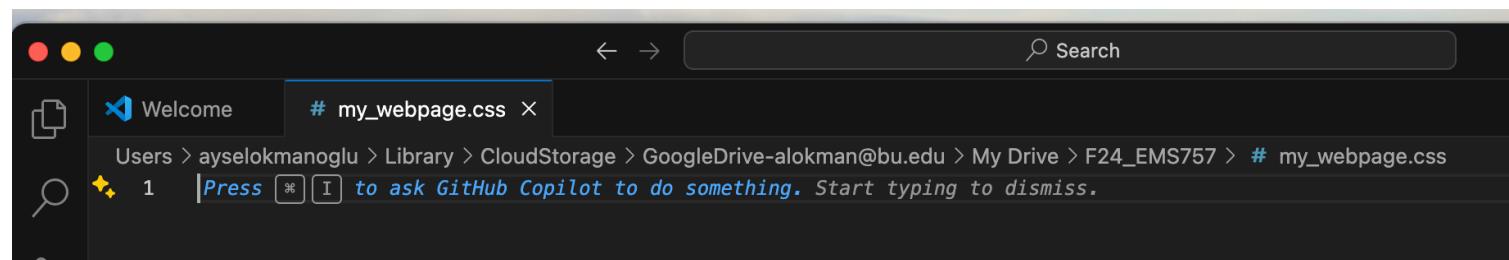
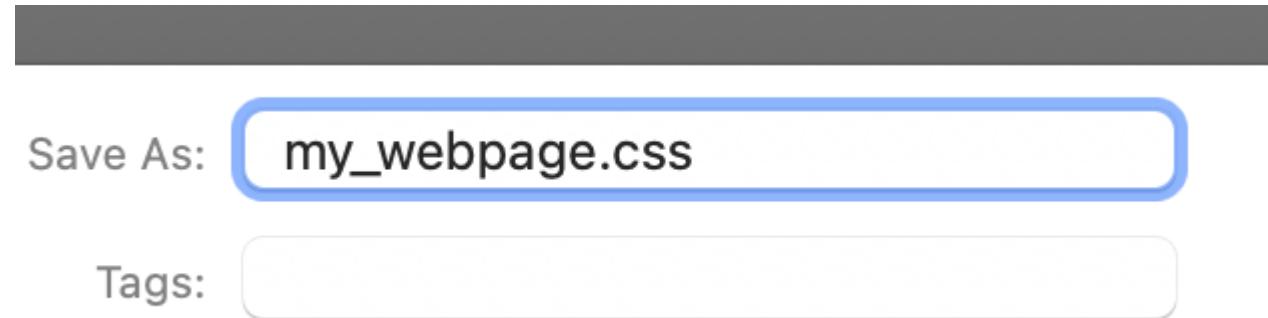
1. Click on File -> New File in VS Code.
2. Save the file with an appropriate extension (e.g., my_webpage.html).
3. Saving the file with .html triggers VS Code to assist with syntax highlighting and basic structure generation for HTML.

Let's write an Hello World!

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.
  <title>Document</title>
</head>
<body>
  <h1>Hello, World!</h1>
</body>
</html>
```

We will do much more later!!!

Also CSS

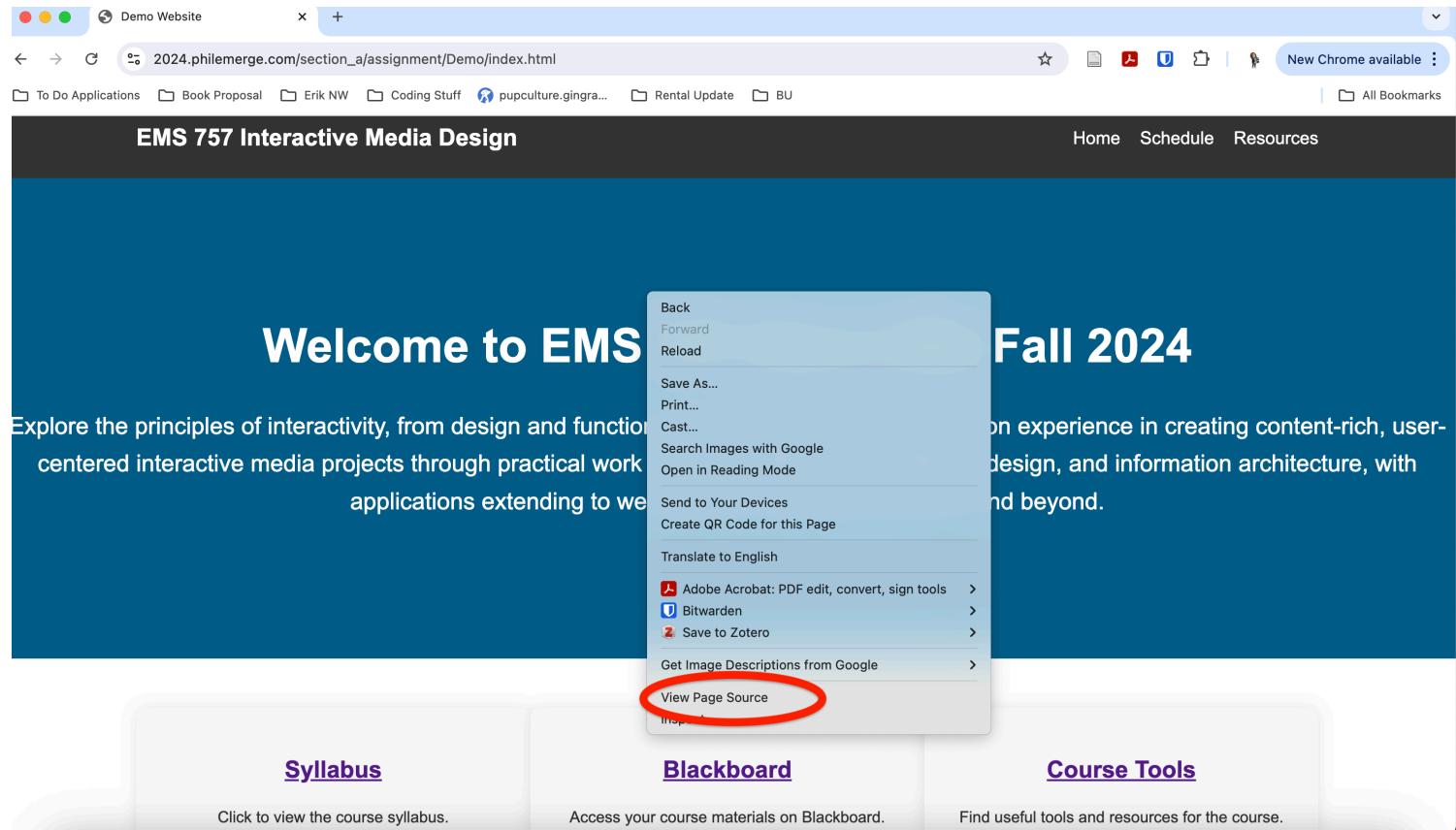


Now let's move to Chrome features

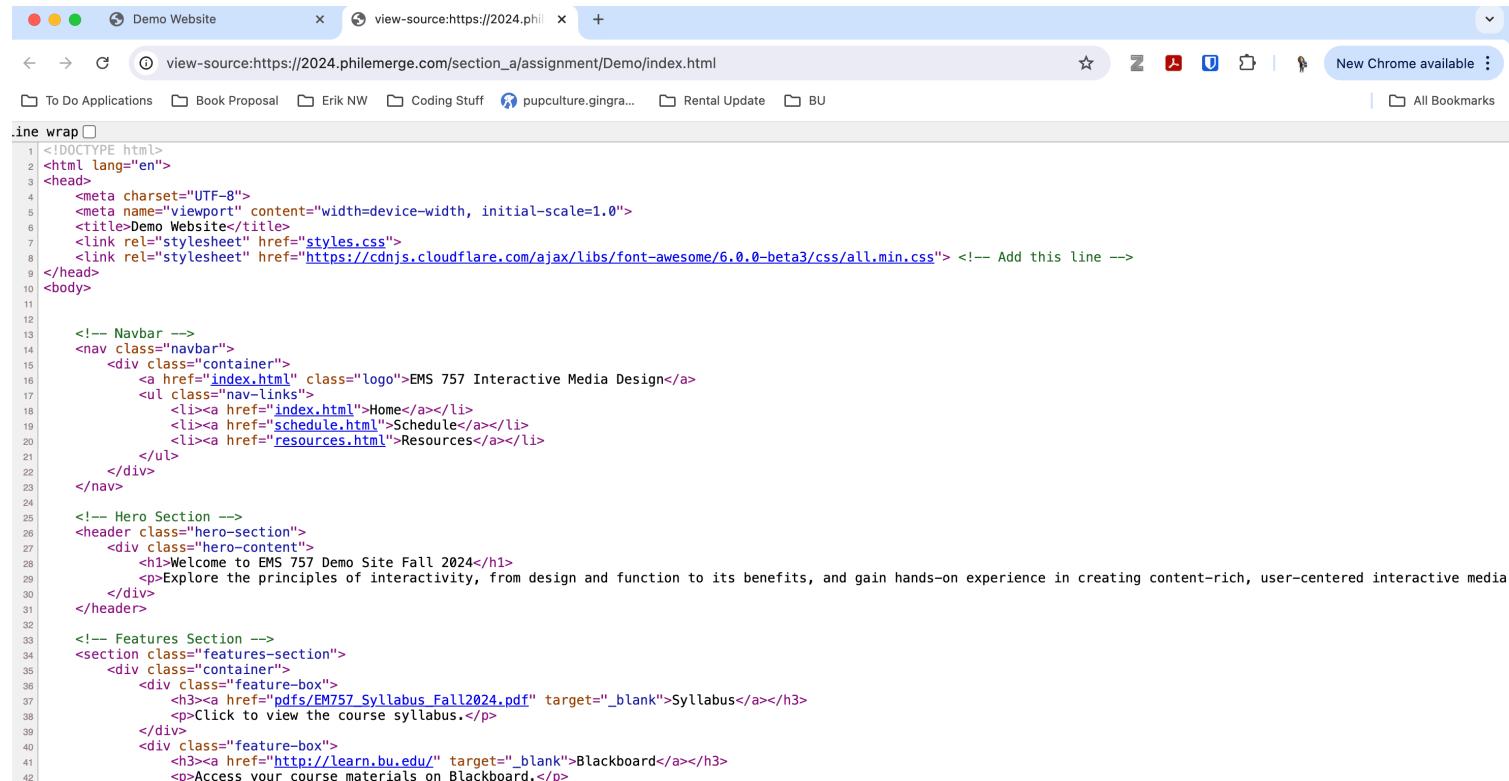
Go to our Demo Page:

https://2024.philemerge.com/section_a/assignment/Demo/index.html

Chrome Page Source



Output



The screenshot shows a Google Chrome browser window with the title bar "Demo Website" and the address bar "view-source:https://2024.philemerge.com/section_a/assignment/Demo/index.html". The main content area displays the HTML source code of the website. The code includes doctype, head (with meta charset, viewport, and links to styles.css and font-awesome), body (containing a navbar with links to index.html, schedule.html, and resources.html), a hero section with a welcome message and content about the course, and a features section with two boxes (one for syllabus and one for Blackboard).

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Demo Website</title>
<link rel="stylesheet" href="styles.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css"> <!-- Add this line -->
</head>
<body>

<!-- Navbar -->
<nav class="navbar">
<div class="container">
<a href="index.html" class="logo">EMS 757 Interactive Media Design</a>
<ul class="nav-links">
<li><a href="index.html">Home</a></li>
<li><a href="schedule.html">Schedule</a></li>
<li><a href="resources.html">Resources</a></li>
</ul>
</div>
</nav>

<!-- Hero Section -->
<header class="hero-section">
<div class="hero-content">
<h1>Welcome to EMS 757 Demo Site Fall 2024</h1>
<p>Explore the principles of interactivity, from design and function to its benefits, and gain hands-on experience in creating content-rich, user-centered interactive media</p>
</div>
</header>

<!-- Features Section -->
<section class="features-section">
<div class="container">
<div class="feature-box">
<h3><a href="pdfs/EM757_Syllabus_Fall2024.pdf" target="_blank">Syllabus</a></h3>
<p>Click to view the course syllabus.</p>
</div>
<div class="feature-box">
<h3><a href="http://learn.bu.edu/" target="_blank">Blackboard</a></h3>
<p>Access your course materials on Blackboard.</p>
</div>
</div>
</section>

```

Chrome Inspector

and function to its benefits, and gain hands-on practical work in media technology interaction.

ing to web search engines, such as Google, and then playing games, a

Look Up "web"

Copy

Copy Link to Highlight

Search Google for "web"

Print...

Open in Reading Mode

Translate Selection to English

 Bitwarden



 Save to Zotero

Output

The screenshot shows a web browser displaying the EMS 757 Interactive Media Design homepage. The page has a dark blue header with the title "EMS 757 Interactive Media Design" and navigation links for "Home", "Schedule", and "Resources". The main content area features a large white h1 element containing the text "Welcome to EMS 757 Demo Site Fall 2024". Below this, there is a paragraph of text describing the course's focus on interactivity and practical media technology work. On the right side of the browser window, the "Elements" tab of the developer tools is active, showing the DOM structure of the page. The DOM tree includes elements like the html, head, body, navbar, hero-section, and hero-content divs, along with their respective child nodes and attributes. The "Styles" tab is also visible, showing the CSS rules applied to the selected element, such as "font-size: 24px" and "margin-bottom: 40px" for the hero-content p element. The "Properties" tab is also present.

EMS 757 Interactive Media Design

Home Schedule Resources

Welcome to EMS 757 Demo Site Fall 2024

Explore the principles of interactivity, from design and function to its benefits, and gain hands-on experience in creating content-rich, user-centered interactive media projects through practical work in media technology, interaction design, and information architecture, with applications extending to web design, mobile apps, games, and beyond.

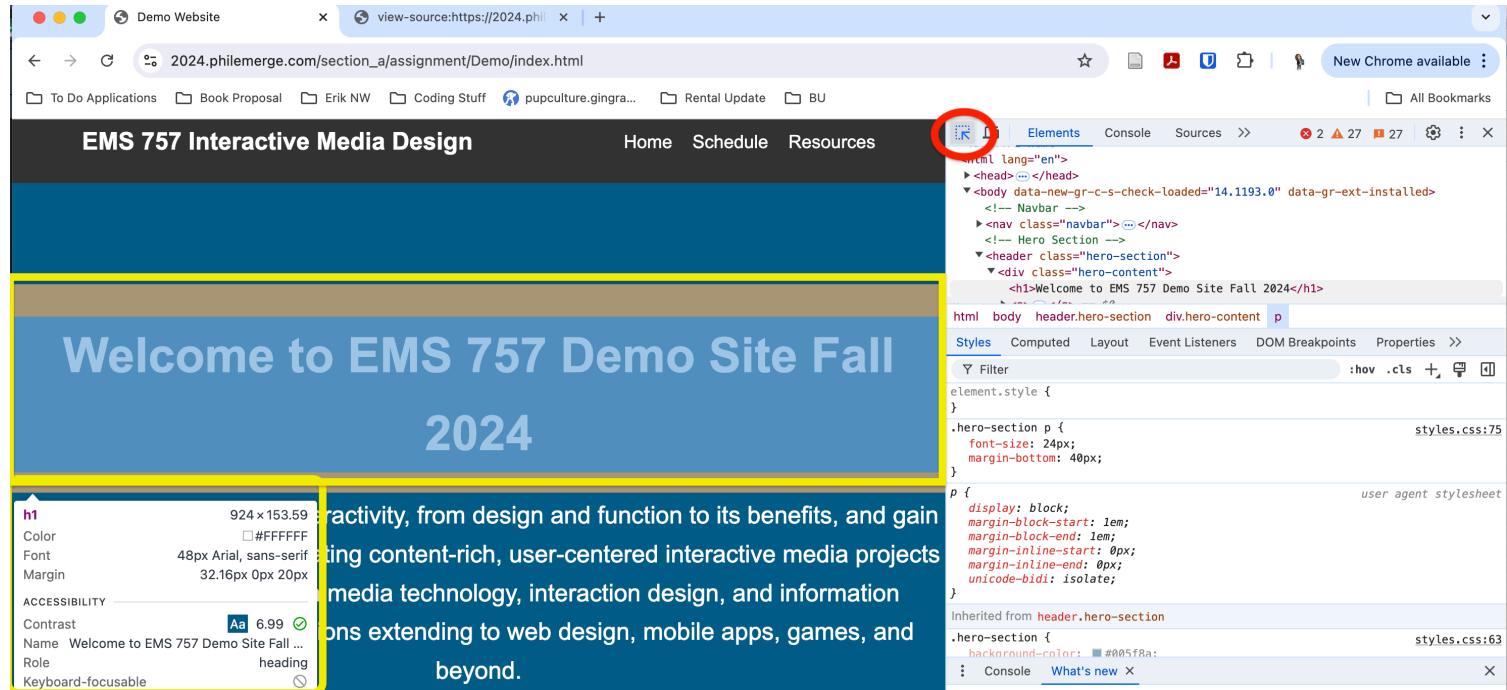
html lang="en">
 > <head>
 > </head>
 > <body data-new-gr-c-s-check-loaded="14.1193.0" data-gr-ext-installed>
 <!-- Navbar -->
 > <nav class="navbar">
 > </nav>
 <!-- Hero Section -->
 > <header class="hero-section">
 > <div class="hero-content">
 > <h1>Welcome to EMS 757 Demo Site Fall 2024</h1>
 > </div>
 > </header>
 > </body>

html body header.hero-section div.hero-content p

Styles Computed Layout Event Listeners DOM Breakpoints Properties

element.style {
}
.hero-section p {
 font-size: 24px;
 margin-bottom: 40px;
}
p {
 display: block;
 margin-block-start: 1em;
 margin-block-end: 1em;
 margin-inline-start: 0px;
 margin-inline-end: 0px;
 unicode-bidi: isolate;
}
Inherited from header.hero-section
.hero-section {
 background-color: #005f8a;
}
Console What's new

Lastly, Chrome Inspector Element Selector



All of these tools can be helpful for getting inspirations from other websites!

Individual Assignment 1: Ethnographic Interview Project

Due: Sept 23rd, 2024, Monday 11:59 pm

1. Conduct an interview with a user of any mobile app.
2. Have the user walk you through their experience using the app.
3. Compile your findings into a report, including the app's features, user feedback, and potential improvements.

Assignment Components:

Introduction

- Introduce the chosen app: Describe its main functions, features, and design.
- Hypothesize the app's target audience based on its design.
- Reflect on how the interviewee's usage aligns with the app's intended design.

Findings

- Identify key features that make the app appealing, compared to similar apps.
- Highlight features the user thinks could be improved or redesigned.
- Propose **3 new features** that could enhance the app.
- Summarize the most significant insights from the interview.

Formatting!

Follow APA style:

Times New Roman, size 12

Double-spaced, indent first line of paragraphs

Use headings to organize sections.

Submit the report as a Word document, 2 pages in length.

- **Acknowledge/cite AI tool usage if there is any** *Including Grammarly*

Submission!!!!

Name your file as “YourLastName_interview report.”

Submit on Blackboard by 9/23/2024 at 11:59 pm.