So you want to get started with a new text editor?

Here's a list of editors we've seen used in the past:

- **Vim**
  - Basic text editor you likely used in 351
  - Pretty powerful if you learn the shortcuts well
    - Look at the vimcheatsheet file and the .vimrc link on the course resources page for a .vimrc that follows the 333 style guidelines
  - Built in on attu
  - Most TAs have experience with this
- **Emacs**
  - Standard Linux text editor along with vim
  - Built in on attu, has a nice GUI on the CSE VM
  - Is very powerful if you learn the shortcuts well
  - Not all the TAs will have experience with this
- **Visual Studio Code**
  - Popular choice in CSE 333
  - Easier to learn than the above two
  - Can be opened from your computer's OS and stores files remotely on attu
  - The rest of this document has a guide on how to set it up 😊
  - Not all the TAs will have experience with this
- **CLion**
  - Part of JetBrains so you can get it for free with .edu account
  - If you've used IntelliJ, it will feel familiar
  - WARNING: CLion has a tendency to store files locally which will break the later homework assignments because of file naming
    - Proceed with caution if you choose to use it
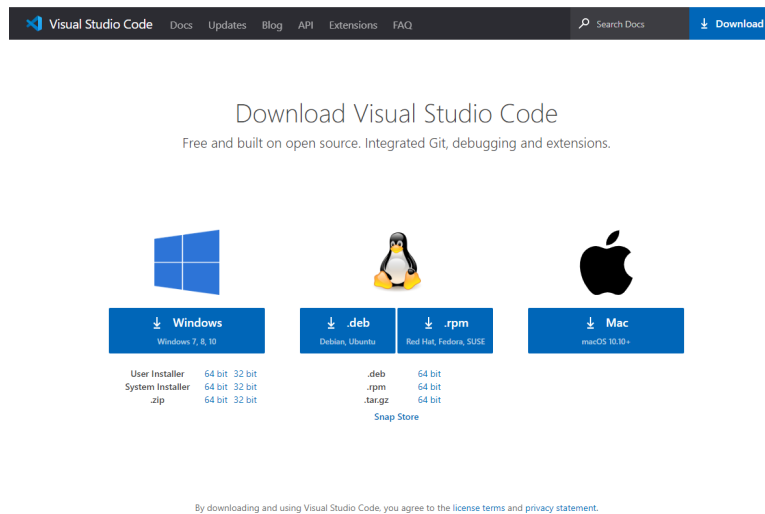 - Very few (if any) TAs have experience with this

Opening files from Linux on a Windows machine sometimes breaks the line endings so it's recommended you go with Vim, Emacs, or VSCode and use SCP to transfer files to avoid that from happening.

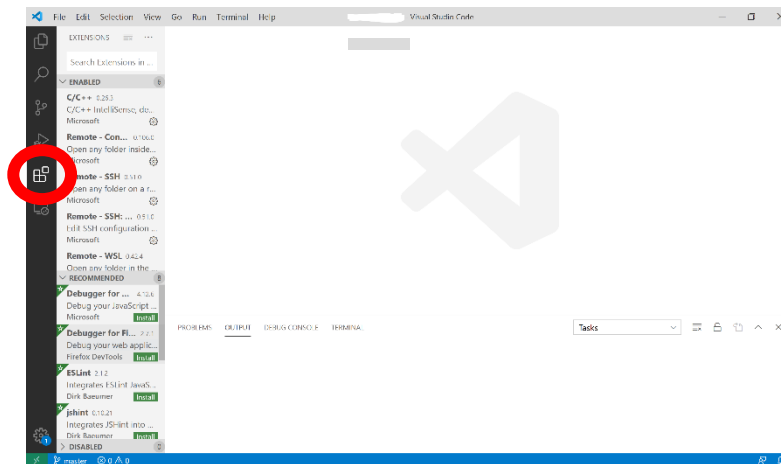If you have any questions, feel free to post on the Ed discussion board

How to Connect Visual Studio Code to attu

Prerequisite: If you are setting up VSCode to work on the course project, you need to have done the GitLab setup on attu, as VSCode will connect to it using SSH. Make sure you can locate the cse333-25wi-YOURNETID folder because we will be using it in a later step. If you are just using VSCode to access attu and edit or compile other files there you do not need to clone your gitlab repo first to do that.
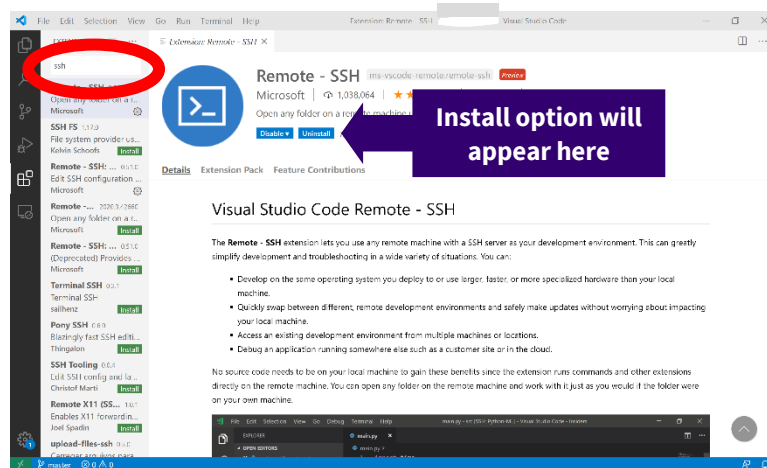
1. Download VSCode from https://code.visualstudio.com/Download

2. Click on the Extensions tab on the side (looks like three blocks with a fourth being added).

3. Search for "Remote – SSH" and install.

Install option will appear here

There are other SSH options as well, but this one is simple to setup
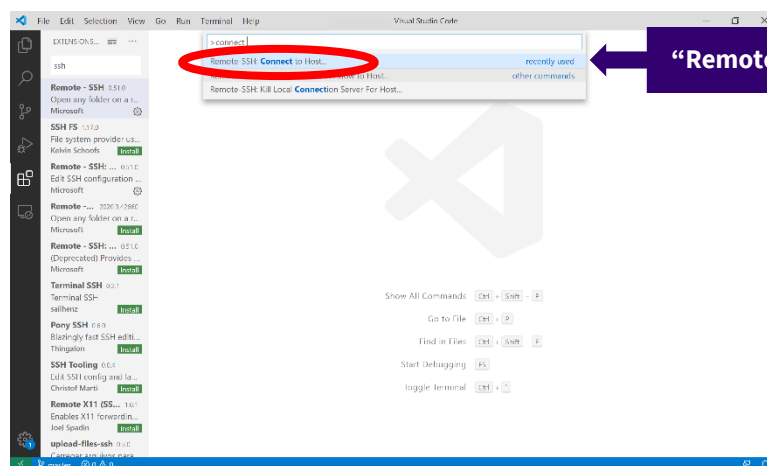
4. Open the command palette with one of the following:
   a. F1
   b. Cmd-Shift-P or Ctrl-Shift-P
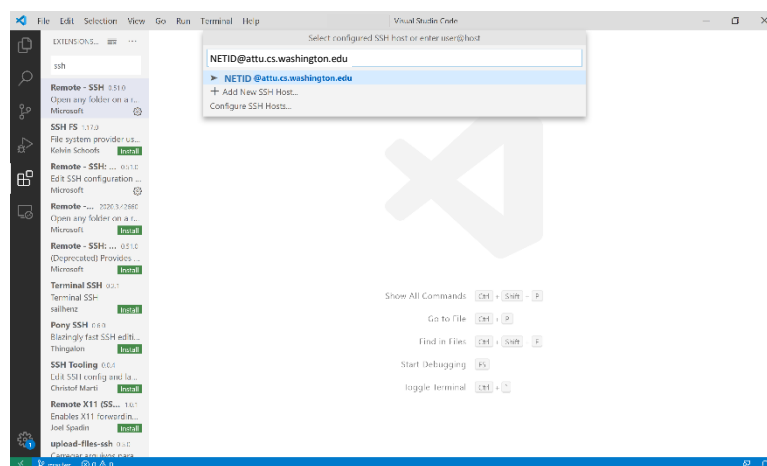   c. Go to View tab at the top → Command Palette
5. Type in "Connect to Host" and select the "Remote SSH: Connect to Host…" option.
   a. It may not be the first one in the list

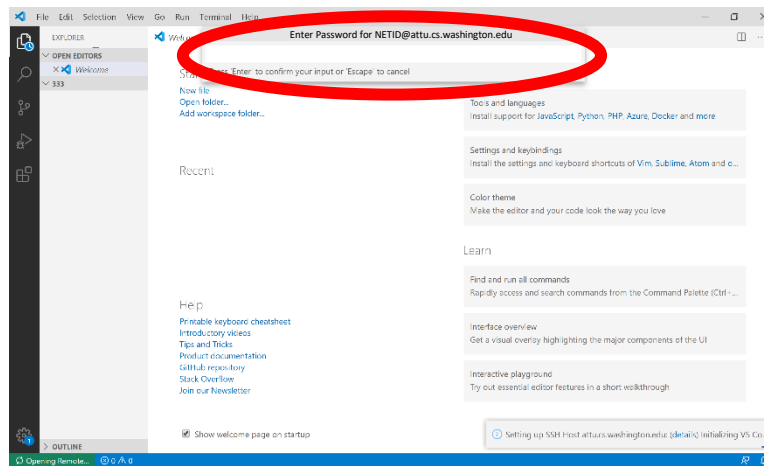**"Remote SSH: Connect to Host…"**

6. Type the path to ssh into attu with your NetID, "[NetID]@attu.cs.washington.edu" without the square brackets or quotations marks, then press enter
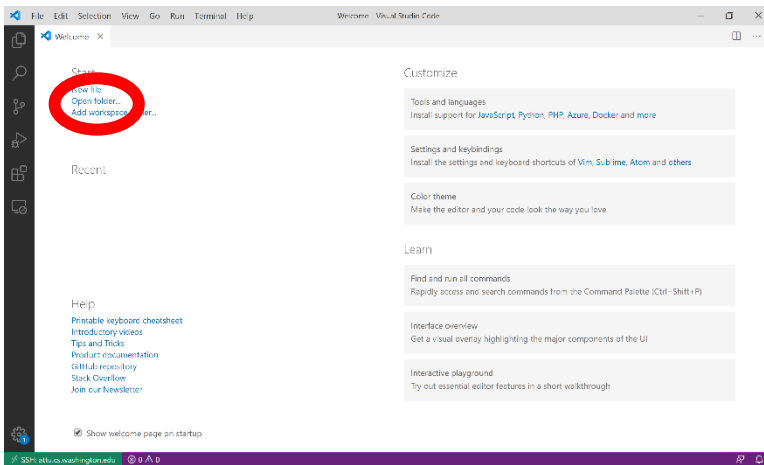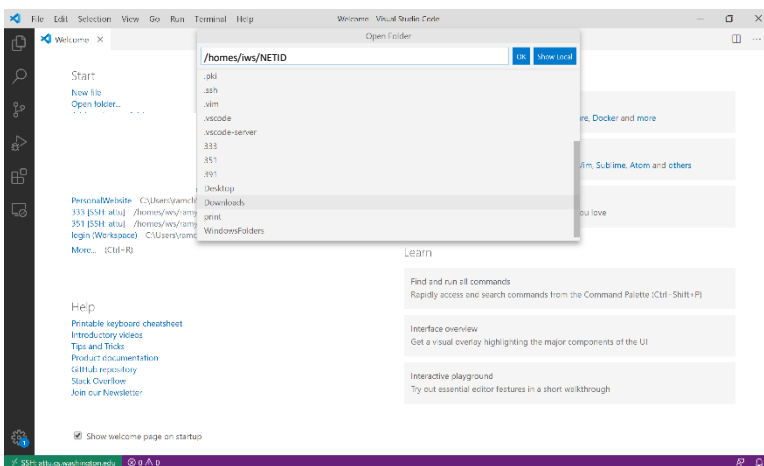   a. If a popup appears asking "Choose a platform", click on Linux

7. Enter your password, then press enter.
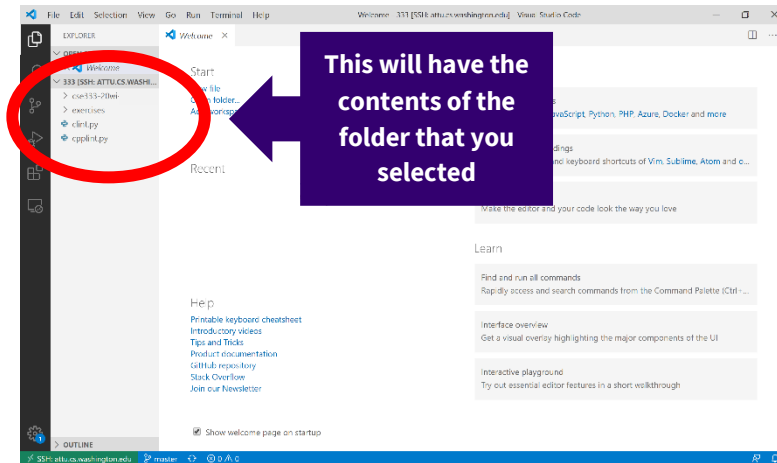

8. Click on Open Folder

9. Select the folder you would like to work in (If you did the suggested, choose the cse333-25wi-NETID folder).
   a. Folders are nested so if your cse333 folder is inside another folder you can click to it as you would cd using attu

10. You did it!

If you have any issues, feel free to reach out on the Ed discussion board. Some of the TAs have experience setting this up and can help you troubleshoot.