Walkthrough of Installing Everything Needed for GitHub Copilot

2025-10-31

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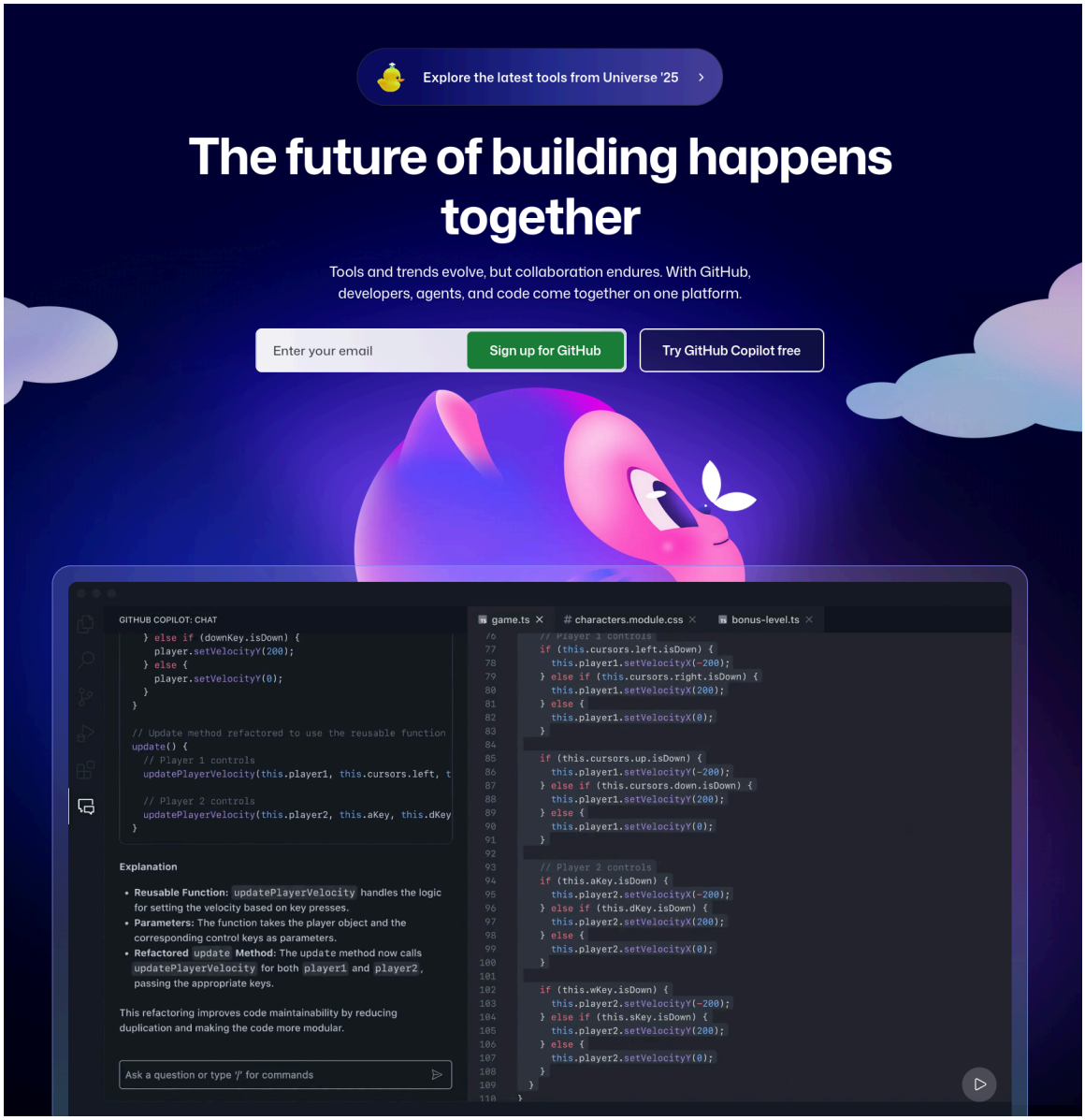
1 Checklist of Everything Needed to Install for AI-Assisted-Coding-In-R

- [] Install GitHub
- [] Install Visual Studio (VS) Code
- [] Install R
- [] Sign up for GitHub Copilot
- [] Copy GitHub repository/Download Zip file
- [] Adjust VSCode to work with R

When these are completed, you are ready for your AI-Assisted-Coding-In-R workshop.

2 Installing GitHub

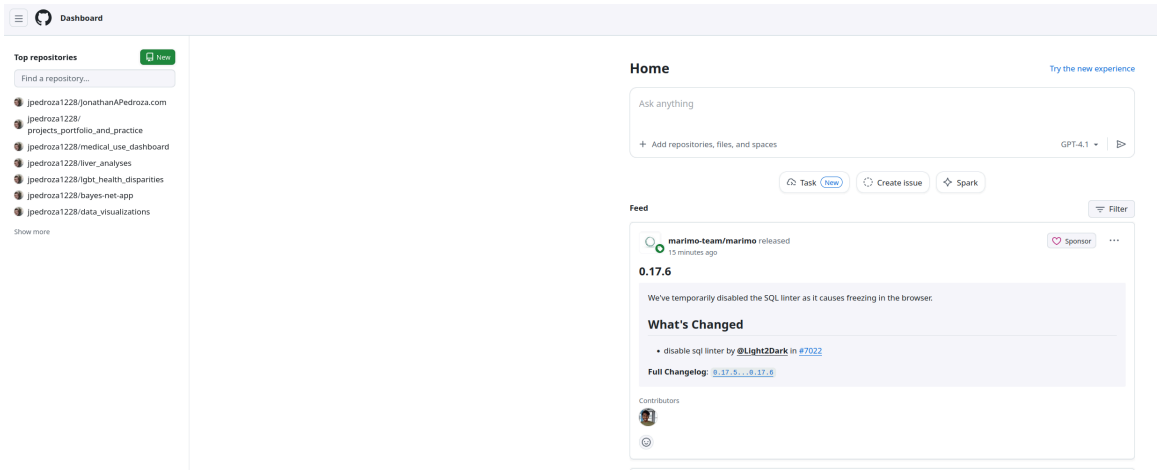
Go to GitHub and sign up for a GitHub account.



At this page, you will sign up for GitHub with your `@berkeley.edu` email account. Follow the directions to verify your account. Below are some recommendations for creating a username (inspired by https://happygitwithr.com/github-acct).

- Use part of your real name so it is easier for people to know who you are
- Try and keep it short, you may have to type it a lot
- Keep everything lowercase. If you really want to separate words, use a hyphen (-) or an underscore (_)

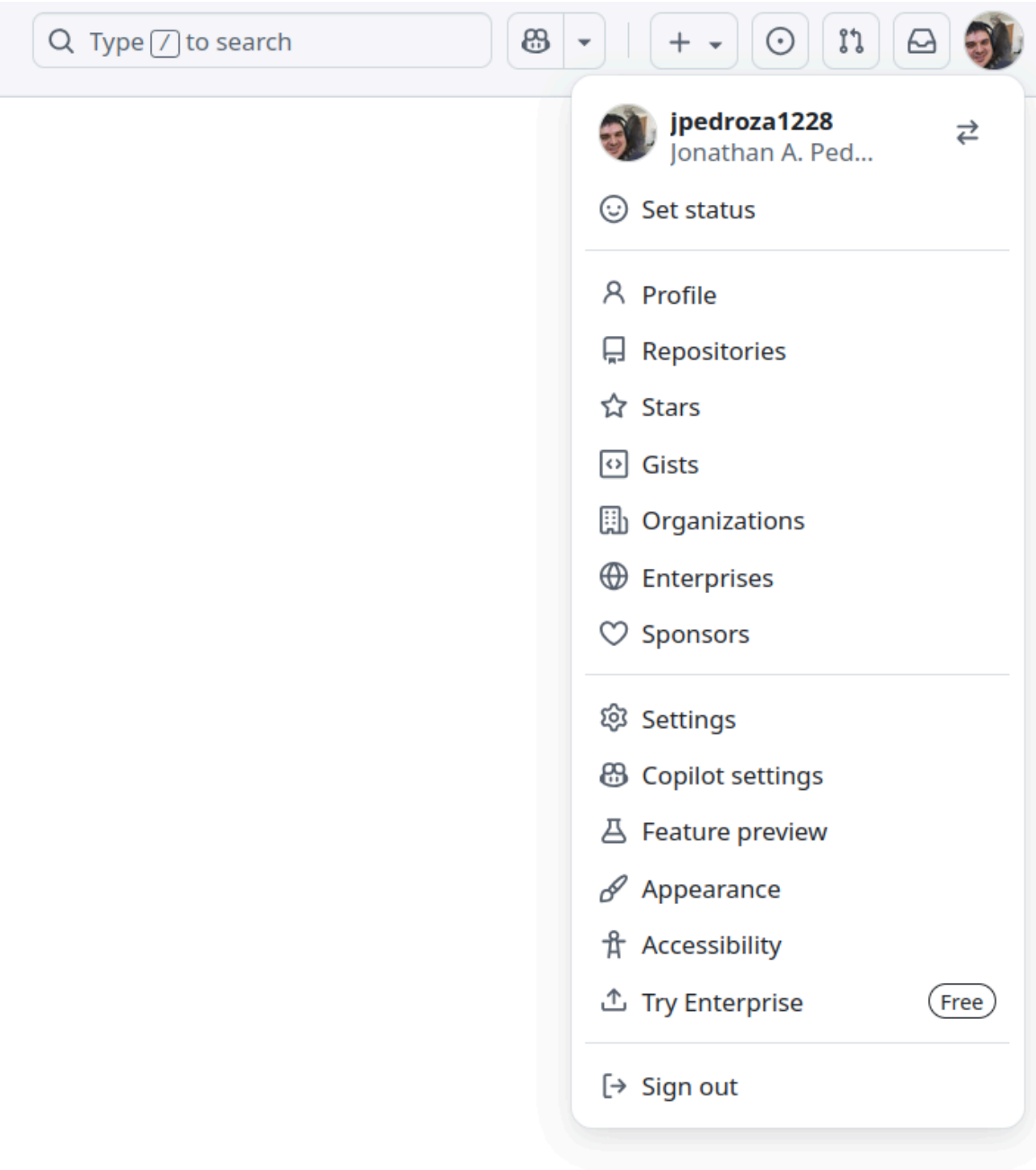
Once you sign in, you will be at your dashboard. You will come back to GitHub shortly to copy the information for the workshop materials.

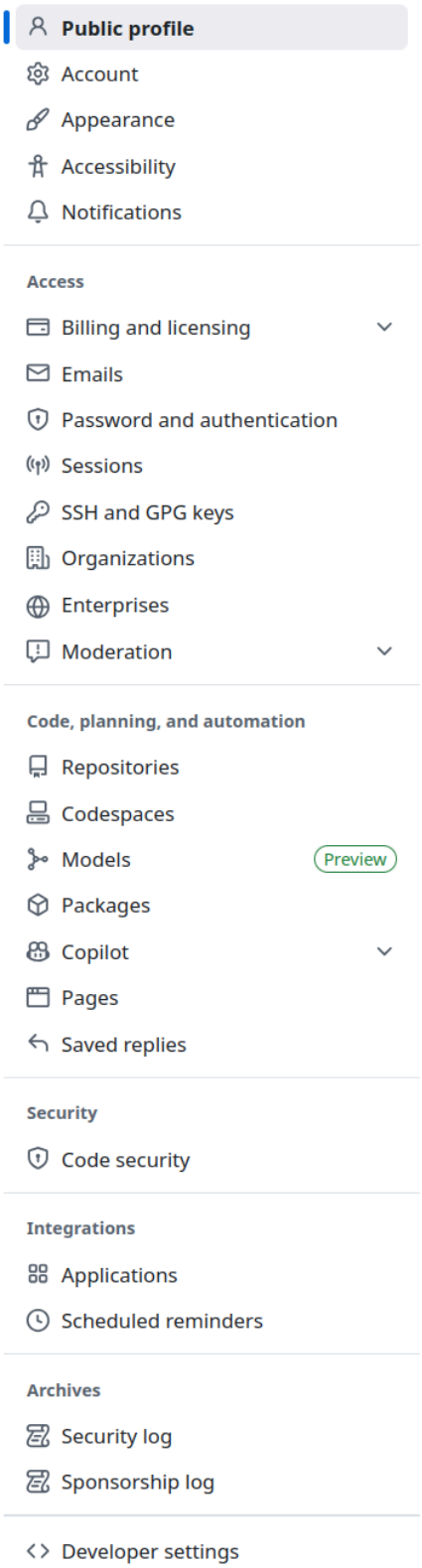


2.1 Adding Additional Email Addresses

2.1.a Optional Two-Factor Authentication (2FA)

For more information on 2FA, you can find resources here (About 2FA) or here (Securing account with 2FA).


Type / to search
jpedroza1228
Jonathan A. Ped...
Set status
Profile
Repositories
Stars
Gists
Organizations
Enterprises
Sponsors
Settings
Copilot settings
Feature preview
Appearance
Accessibility
Try Enterprise
Free
Sign out


Public profile
Account
Appearance
Accessibility
Notifications
Access
Billing and licensing
Emails
Password and authentication
Sessions
SSH and GPG keys
Organizations
Enterprises
Moderation
Code, planning, and automation
Repositories
Codespaces
Models
Preview
Packages
Copilot
Pages
Saved replies
Security
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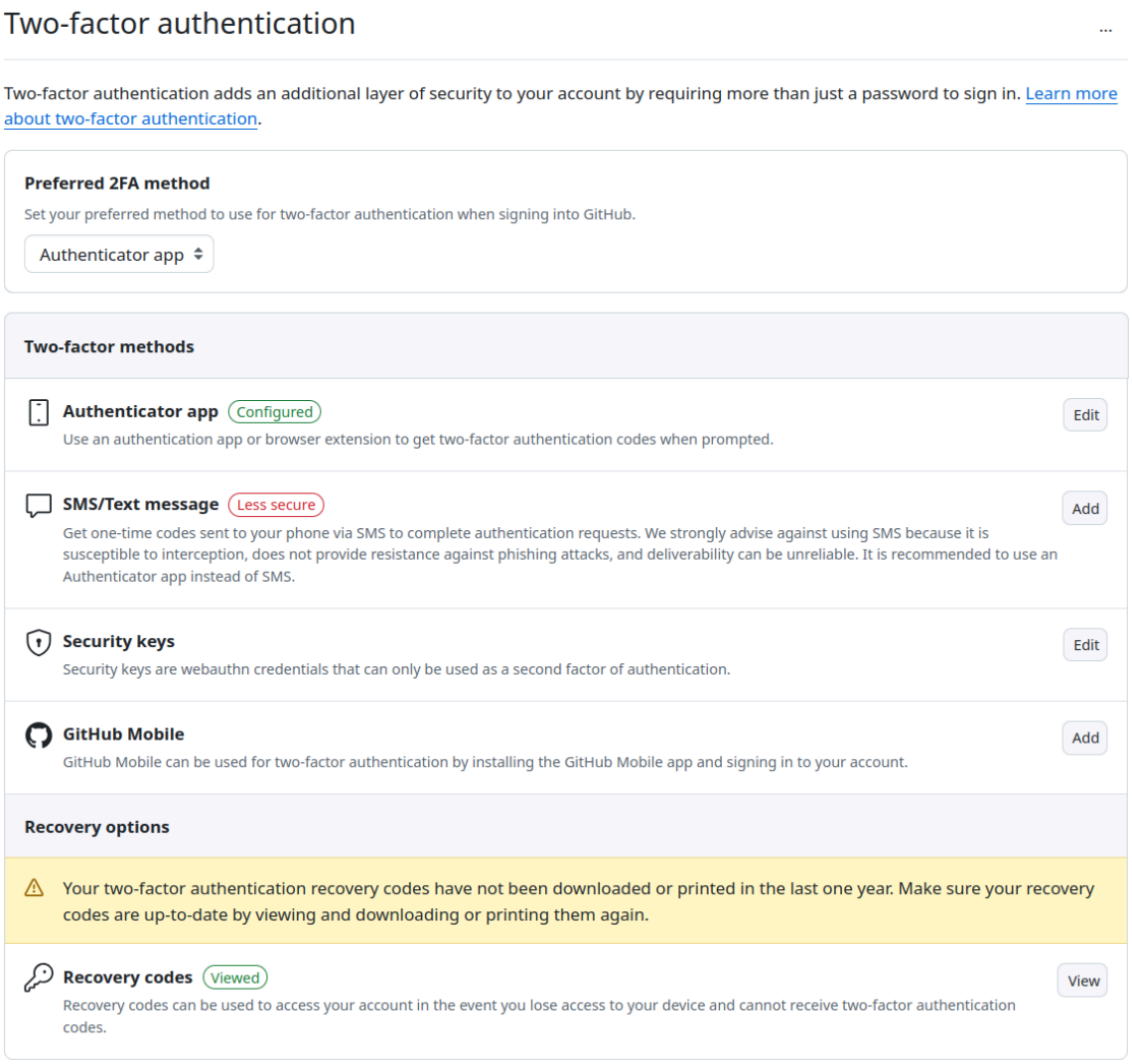
Integrations
Applications
Scheduled reminders
Archives
Security log
Sponsorship log
Developer settings



2.2 GitHub TLDR

1. Go to GitHub to sign up
2. Create account (use `@berkeley.edu` email)
3. Create a good username
4. Add additional email addresses
5. Set up 2FA

- ☒ Install GitHub
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3 Sign Up for GitHub Copilot (THIS SECTION NEEDS WORK)

Signing up for GitHub Copilot will depend on whether you plan to sign up for the free version, CoPilot *Pro* using verified information, or pay for a Pro plan (see pricing information here).

3.1 Copilot Pro (Instructions for Verification)

To get Copilot *Pro* for teachers and students (for free) you need to apply here

3.2 Free Version

The free version of GitHub Copilot comes with VSCode. You can install the necessary extensions in the following section.

3.3 Copilot TLDR

1. Sign up for Copilot *Pro* using student/teacher verification, paying a monthly fee, or using the free version.

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4 Installing R

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5 Install VSCode

Let's move forward with installing VSCode. You can install VSCode here for your operating system. Below are detailed instructions on how to install VSCode.

5.1.a Mac (FIND Mac for install)

Link: https://code.visualstudio.com/docs/setup/mac

5.1.b Windows (FIND Windows for install)

Link: https://code.visualstudio.com/docs/setup/windows

5.1.c Linux

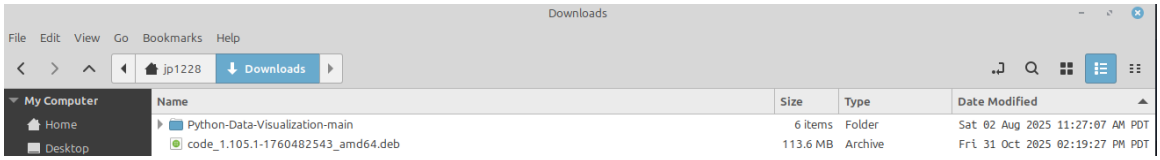
Note: Everything below shows installation using Linux Mint.

```
System:
  Host: jp1228-Swift-SF314-52 Kernel: 6.8.0-87-generic arch: x86_64 bits: 64
  Desktop: Cinnamon v: 6.4.8 Distro: Linux Mint 22.1 Xia
```

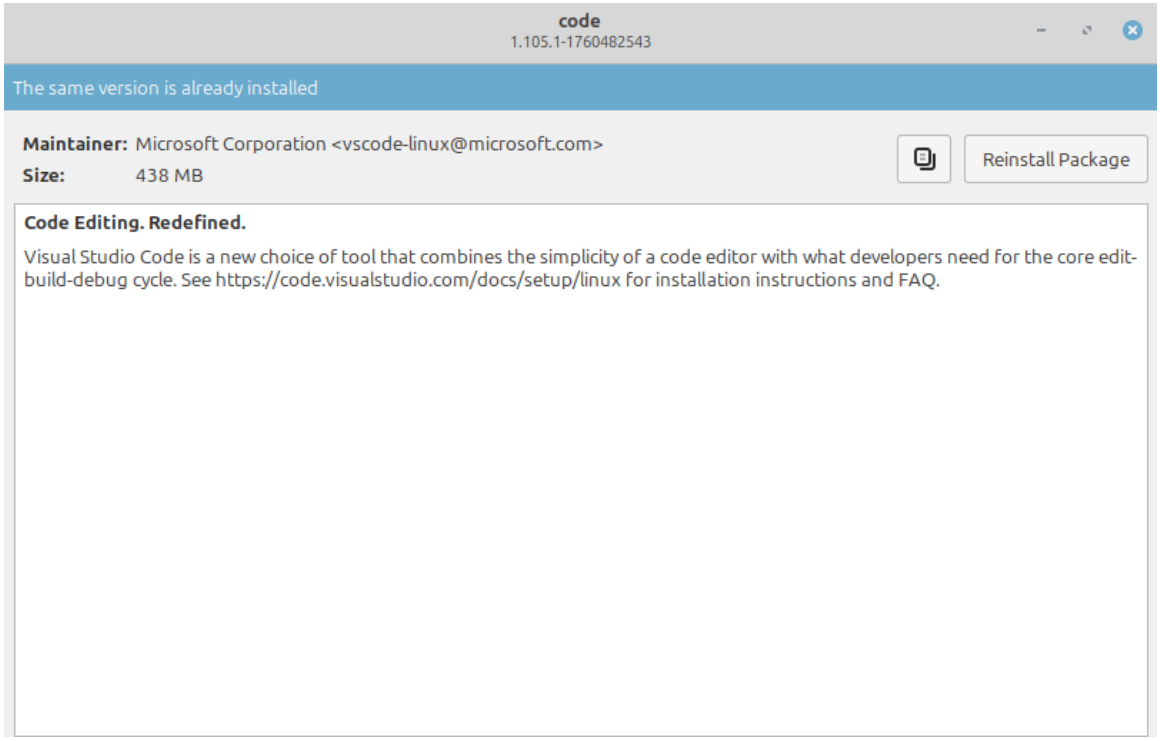
Link: https://code.visualstudio.com/docs/setup/linux

Option 1: Use the Link

1. Click on the link above and open the download file.

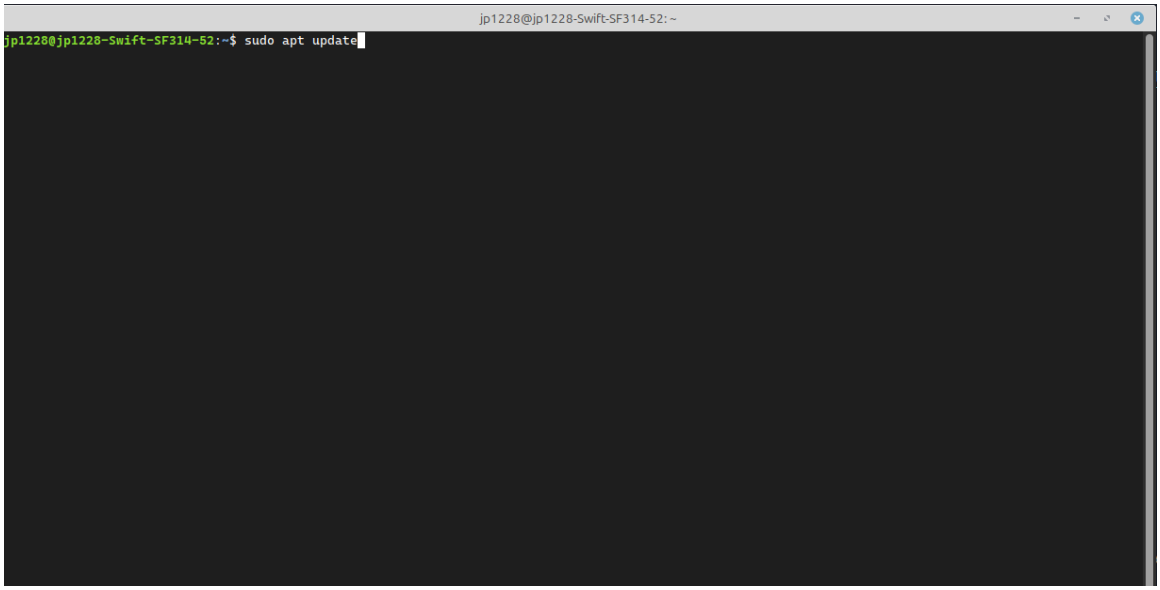


2. Click Install Package to start the install.



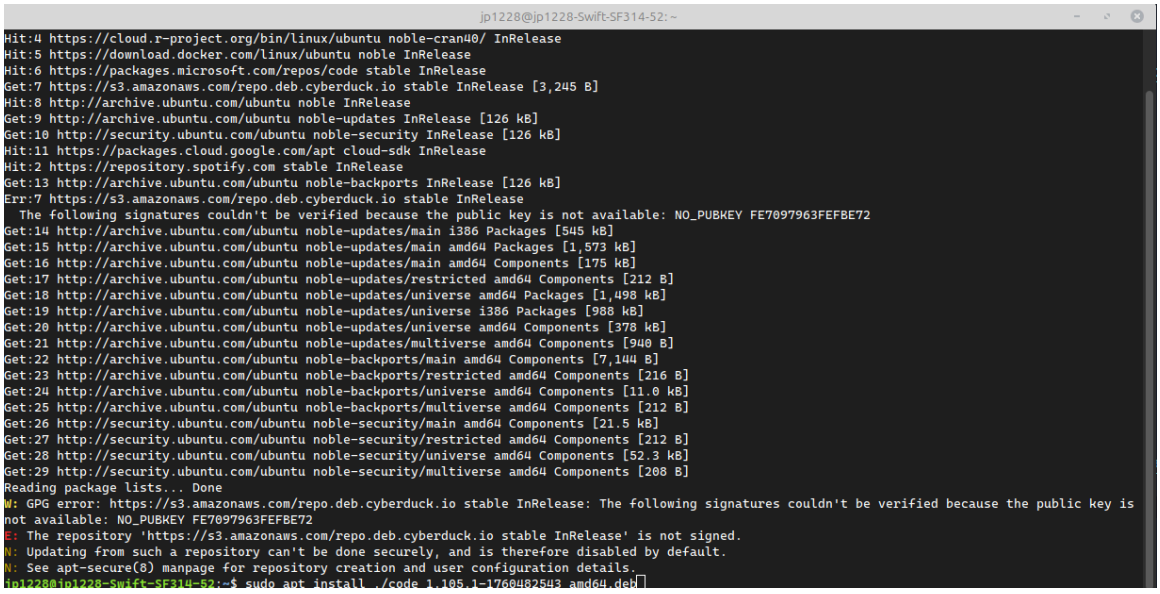
Option 2: Download Using Terminal

1. Update your programs.



2. Then you will install the file that you downloaded from this page as shown below. Your file will look different, depending on the version and differences in your linux distribution, but it should start downloading after running the code below.

```
sudo apt install ./<file_name>.deb
```



5.2 VSCode Documentation

When you installed VSCode, it should have brought you to the documentation page. If not, you can find all the documentation here. This tutorial also provides an in-depth tutorial on getting started with VSCode.