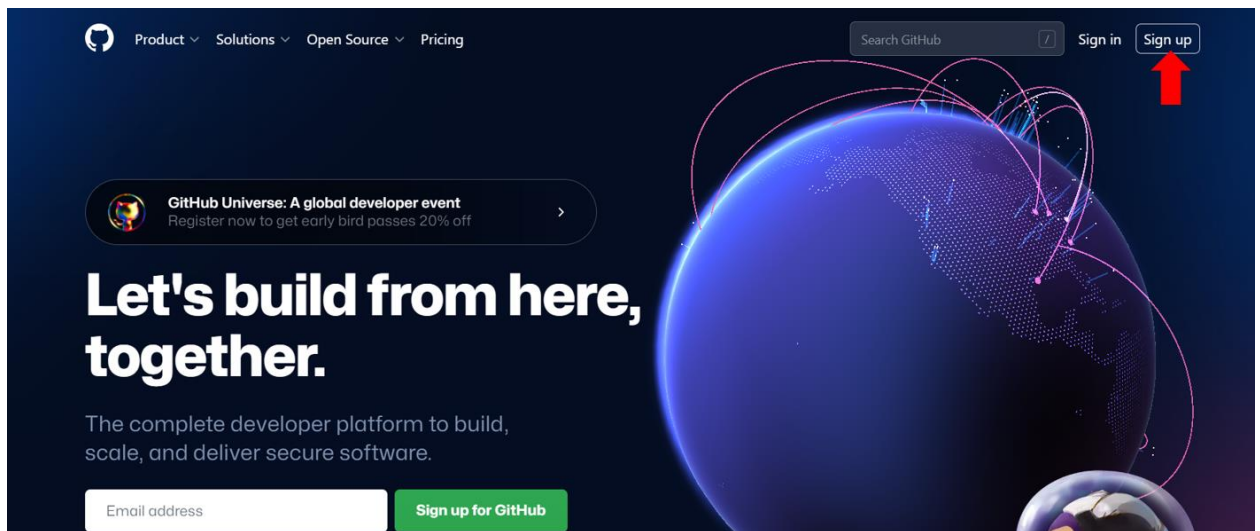


What is the difference between Git and Github?

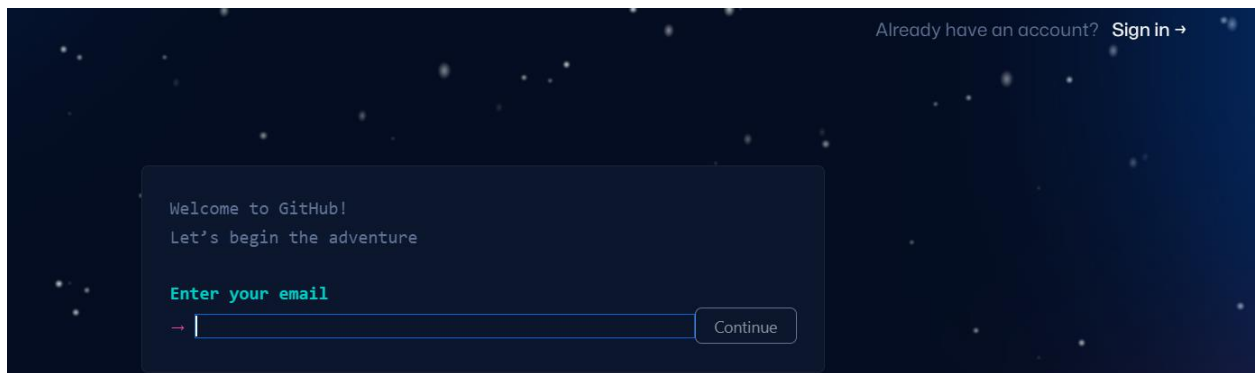
Git is used with the command line terminal.
Github is where the repositories are stored.

Create your account.

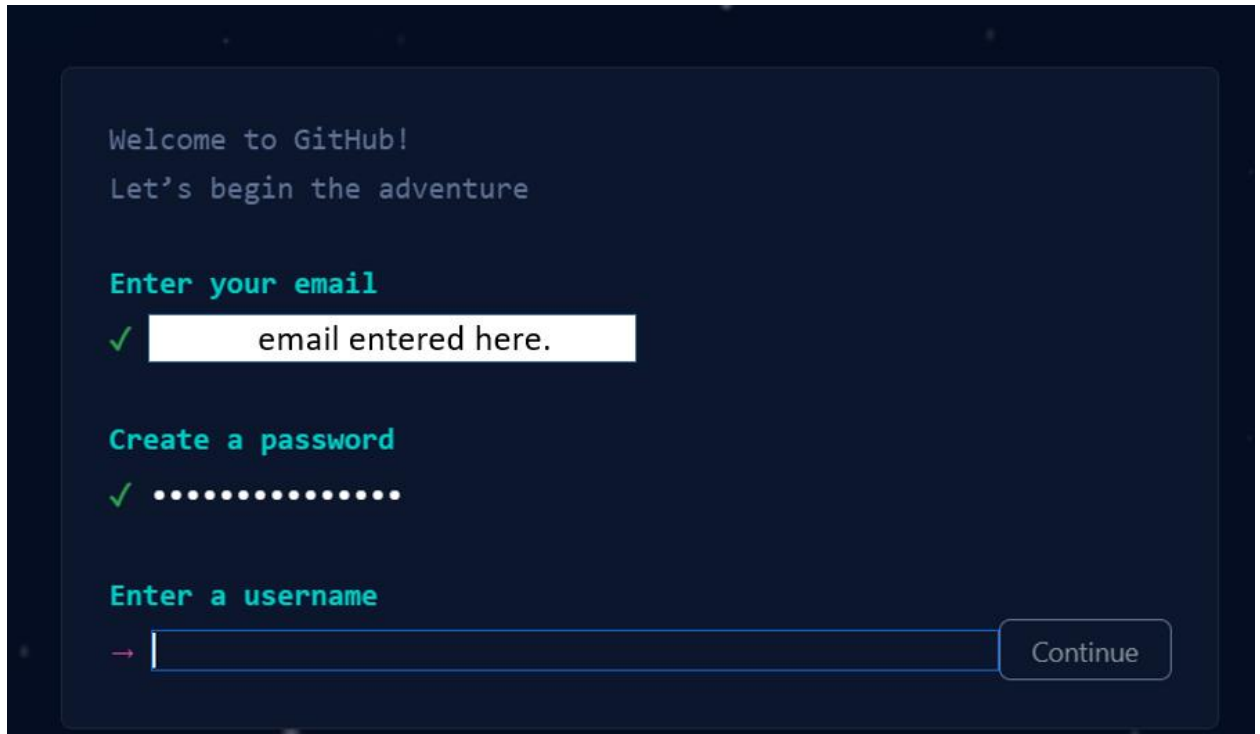
Go to Github.com and click on sign up.



Enter your Email and then press continue.



Enter a password you want to use for the account and press continue.
Then enter the username you want to use and press continue.



Welcome to GitHub!
Let's begin the adventure

Enter your email

✓ email entered here.

Create a password

✓

Enter a username

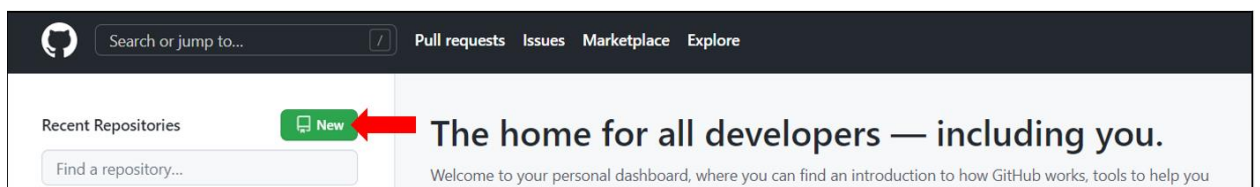
→ Continue

After you enter your username it will ask if you want to receive update information via your email you enter y for yes or n for no based on your preference.

Then you will do a puzzle to verify your account and this makes sure you are not a robot.

Log into your account on Github.

Once you log into your account click on Create a new repository.



Create your Repository

Select a name for your project then name it yourNamedProject-repo.

Check the box to add a README file. (This is important for explaining what the purpose of your project is).

Then click on create repository.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *

Repository name *

Your name


 /


Demo-repo ✓

Great repository names are short and memorable. Need inspiration? How about [probable-robot?](#)

Description (optional)

Github demo tutorial

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.


☒ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)


Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)


.gitignore template: None ▼

Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)

License: None ▼

This will set  **main** as the default branch. Change the default name in your [settings](#).

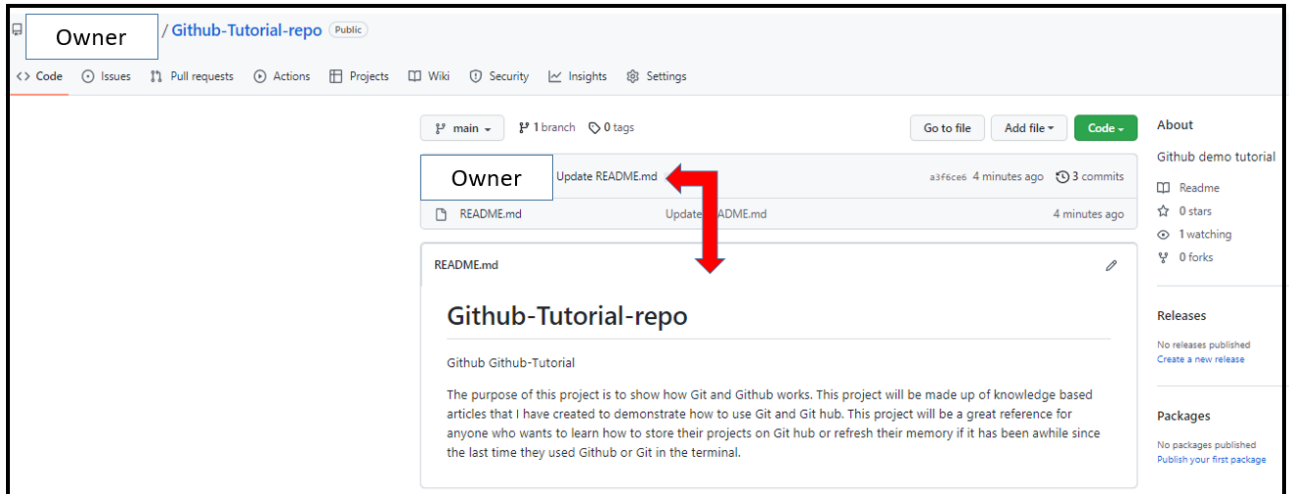
 You are creating a public repository in your personal account.

Create repository 

Edit or create the Readme.md file

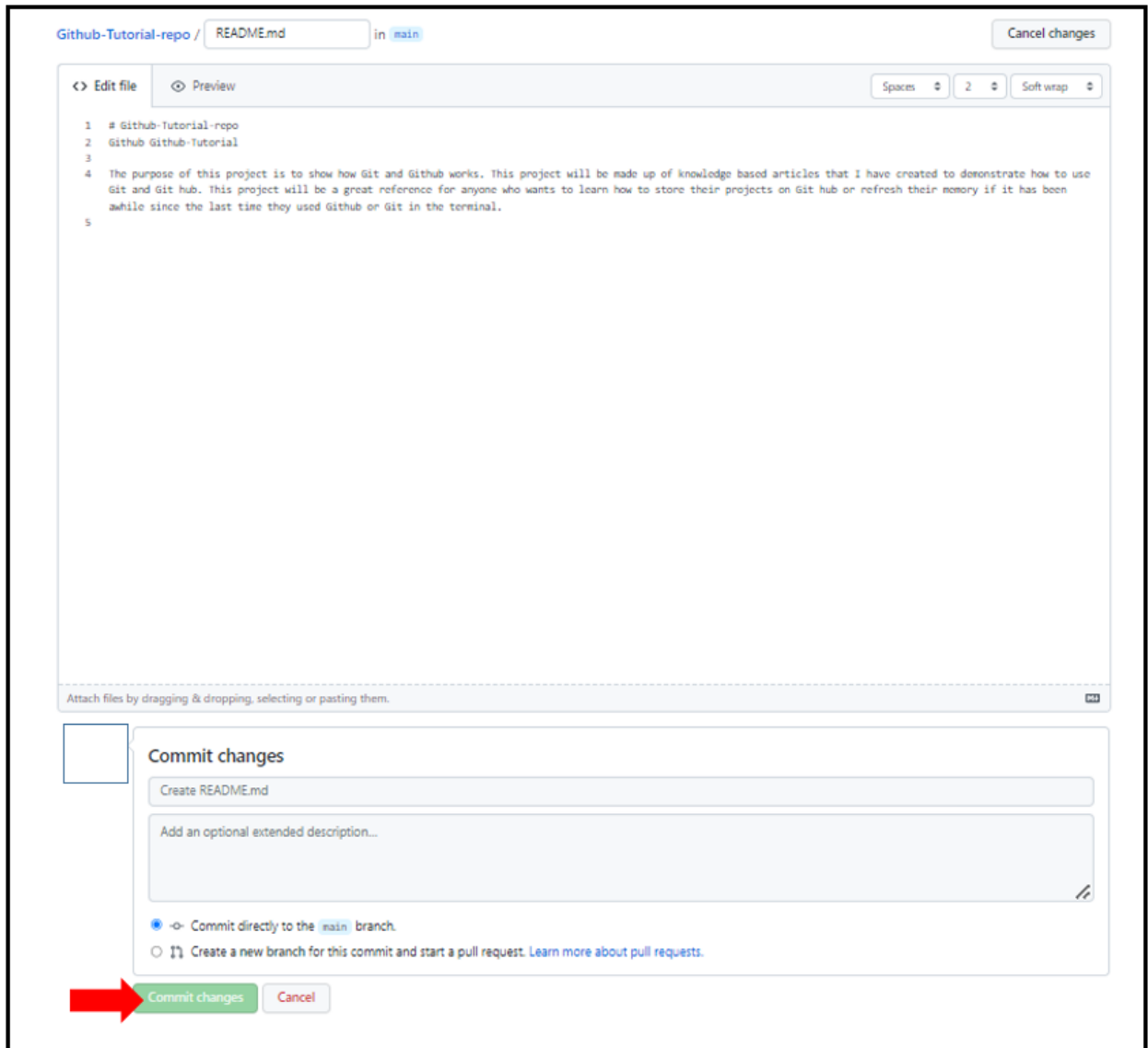
Click on update README.md.

(Select Add file if you did not check the box previously to add the README file when setting up your repository).



Enter text explaining the purpose of your project.

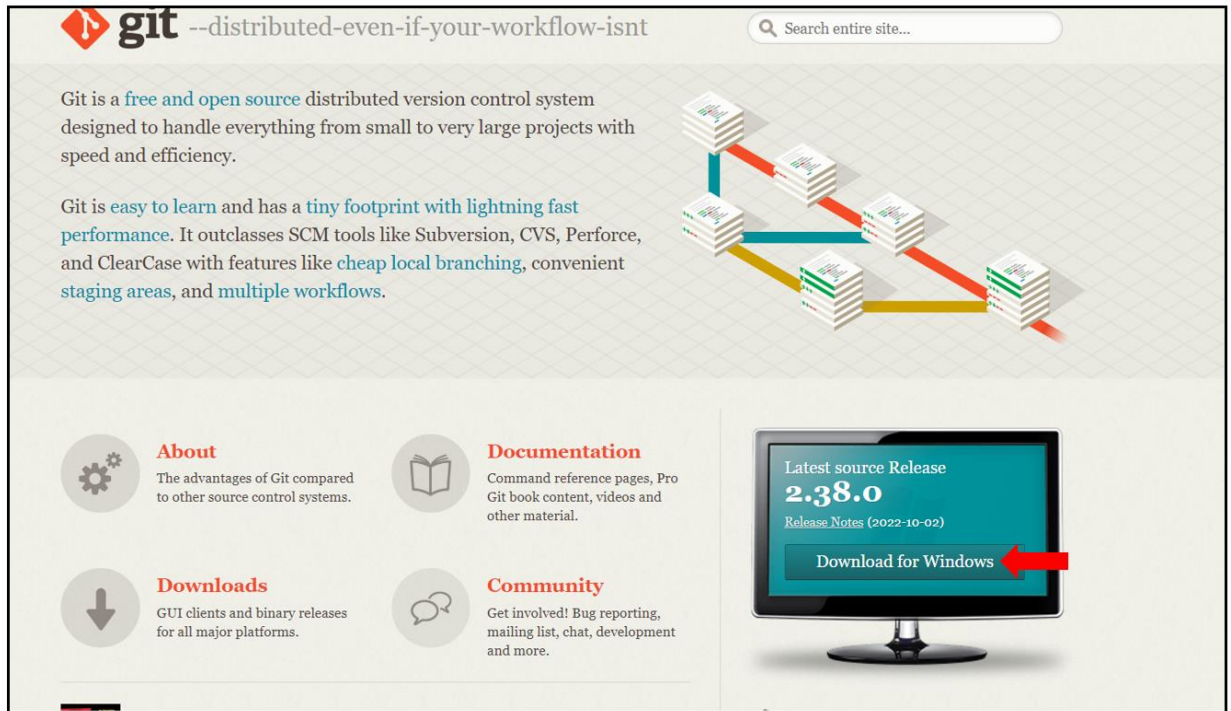
Then press the commit changes button.



Install Git on your computer.

(If you have Git installed you can go to terminal or command prompt and type `git --version` and the version you have will display if it is installed already)

Go to git-scm.com and click on download for Windows.



Find out if you have 32 bit or 64 bit in command prompt.

Open command prompt.

Then type **set pro** in command prompt.

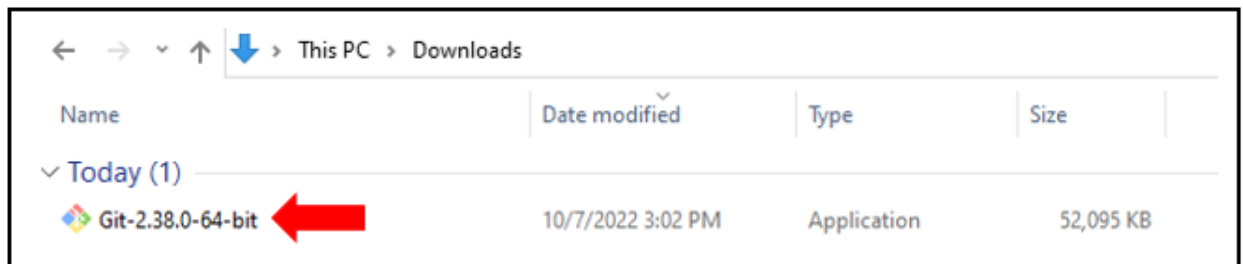
The number in Processor_Identifier indicates if you are on 32 bit or 64 bit operating system.

```
C:\Users\dayss>set pro
PROCESSOR_ARCHITECTURE=AMD64
PROCESSOR_IDENTIFIER=Intel64, GenuineIntel
PROCESSOR_LEVEL=6
PROCESSOR_REVISION=3a09
ProgramData=C:\ProgramData
ProgramFiles=C:\Program Files
ProgramFiles(x86)=C:\Program Files (x86)
ProgramW6432=C:\Program Files
PROMPT=$P$G
```

Select either 32 bit or 64 bit download.



In file explorer open your download folder, double click on Git to start the installation.



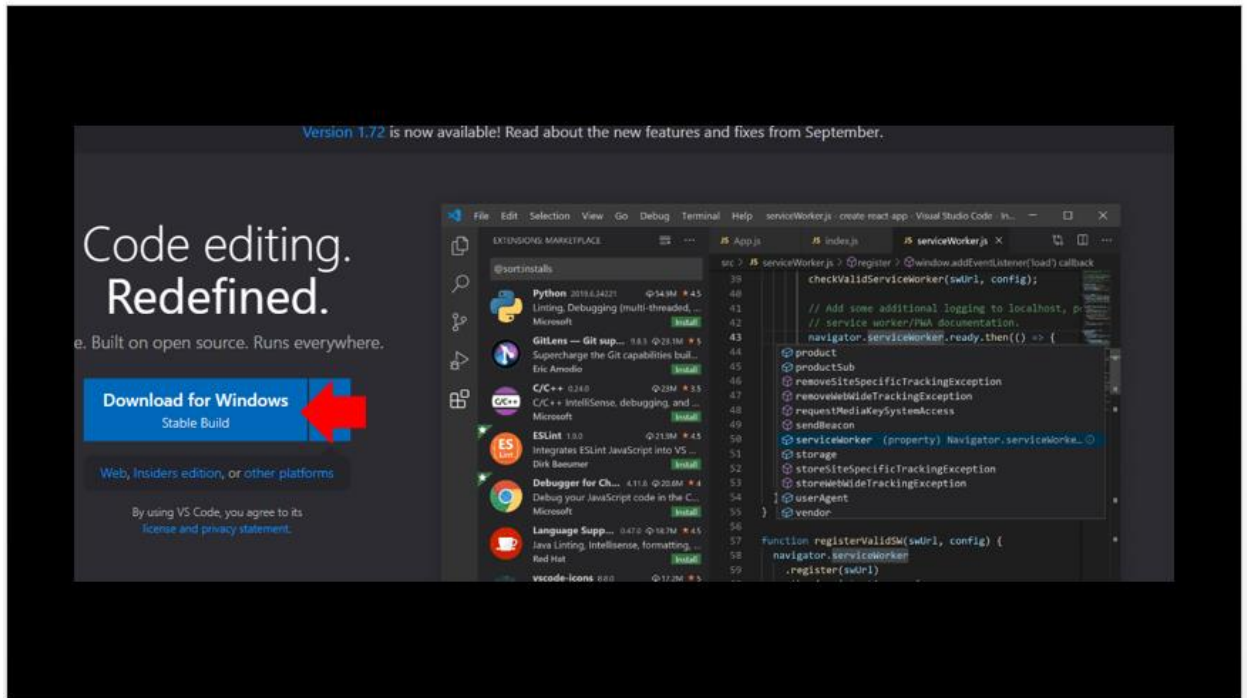
Click yes to allow.
Click install.



Install Visual Studios Code editor

(Note: if you want to use another editor you can, but you may need to find another tutorial that covers connecting the editor to your git hub repository).

Go to <https://code.visualstudio.com/> and click Download for Windows.

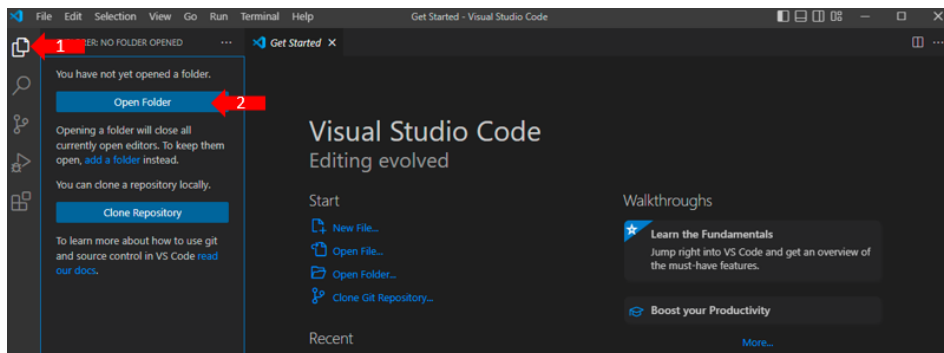


Then double click on the file in your download folder to start the installation.

Connect your GitHub to Visual Studio Code Editor

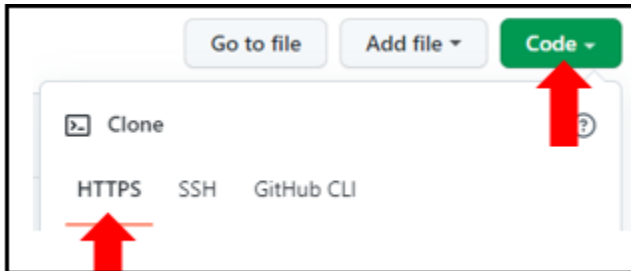
Create a folder named git in your C drive or your preferred location on your computer.

In Visual Studio Code Editor click the folder icon and then the open folder button to open the git folder.

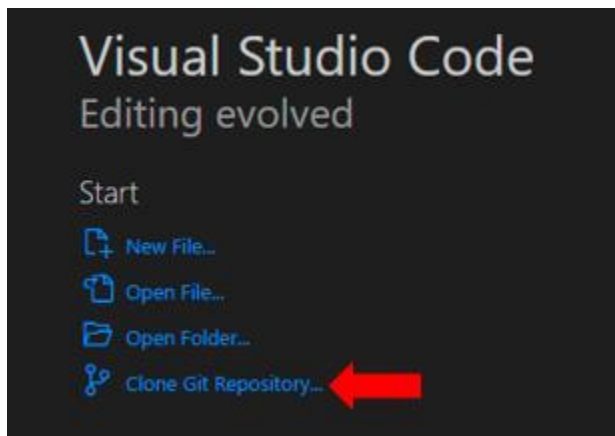


Click on Terminal.

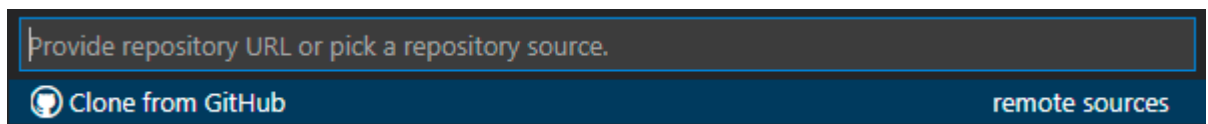
Go to your Github account and open your repository.
Click code and then in the HTTPS box copy it.



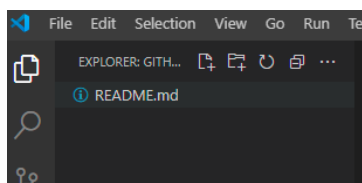
Click on Clone Git Repository or you can press shift ctrl p and type Git: Clone



Then paste the HTTPS you copied from your repository in GitHub.
Then press enter.



In the Explorer menu you will see the folder that represents your repository.
Now click on the README.md file to make changes.



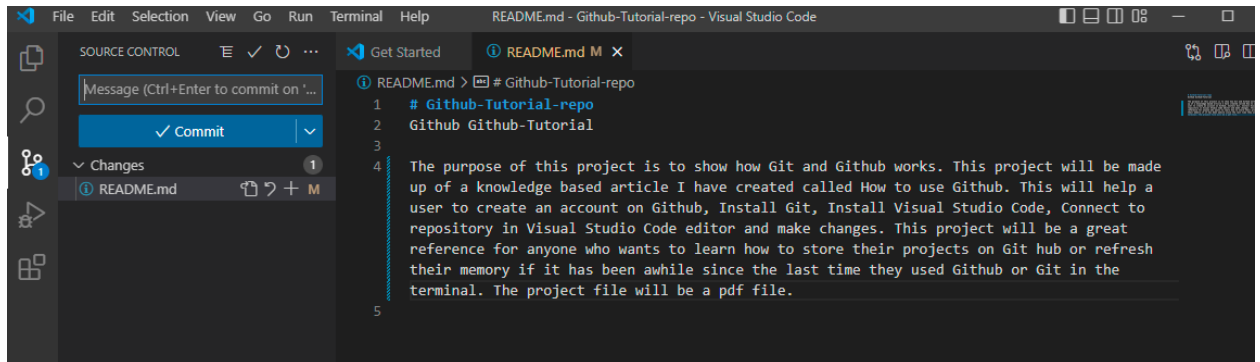
I made changes to my README.md file.

The letter M appears next to the file in the Explorer letting us know that the file has been modified.

Click on the Branch icon and then a commit box opens.

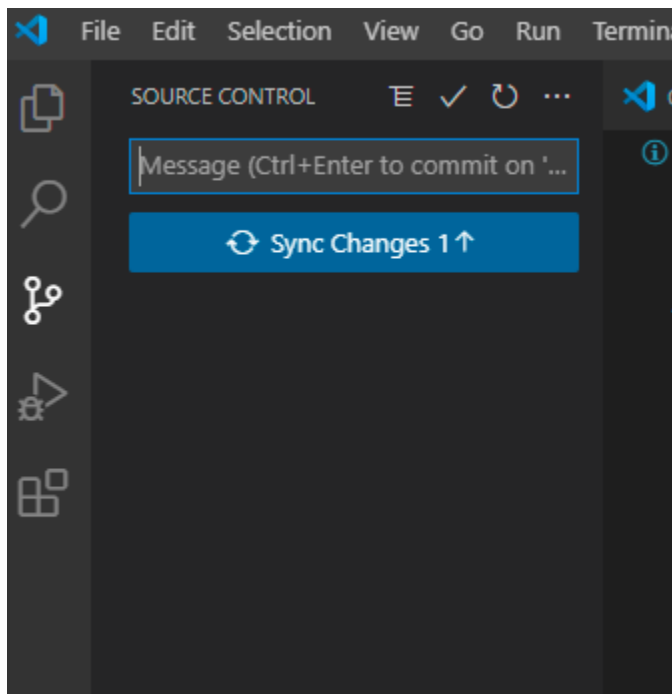
Now type in the box what changes were made.

Click on Commit.

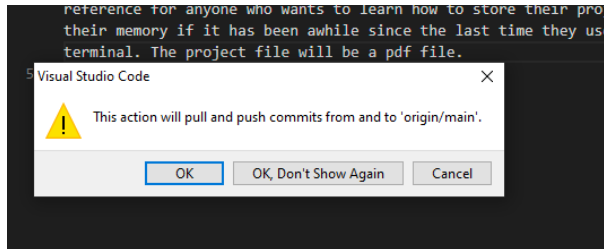


Now a box will pop up. Click yes

Then click on sync changes.



A box pops up, Select Ok, Don't Show Again.



Note: The first time that you do this you will get additional prompts for you to connect your device to Github or to log into Github.

This has already been done previously.

Go to Github and check your repository and your README.MD file should now be updated and reflect a new commit.

Owner

updated what the project file type will be

d4c98ef 11 minutes ago 5 commits

README.md

updated what the project file type will be

11 minutes ago

README.md

Github-Tutorial-repo

Github Github-Tutorial

The purpose of this project is to show how Git and Github works. This project will be made up of a knowledge based article I have created called How to use Github. This will help a user to create an account on Github, Install Git, Install Visual Studio Code, Connect to repository in Visual Studio Code editor and make changes. This project will be a great reference for anyone who wants to learn how to store their projects on Git hub or refresh their memory if it has been awhile since the last time they used Github or Git in the terminal. The project file will be a pdf file.

This is the end of this document for now...