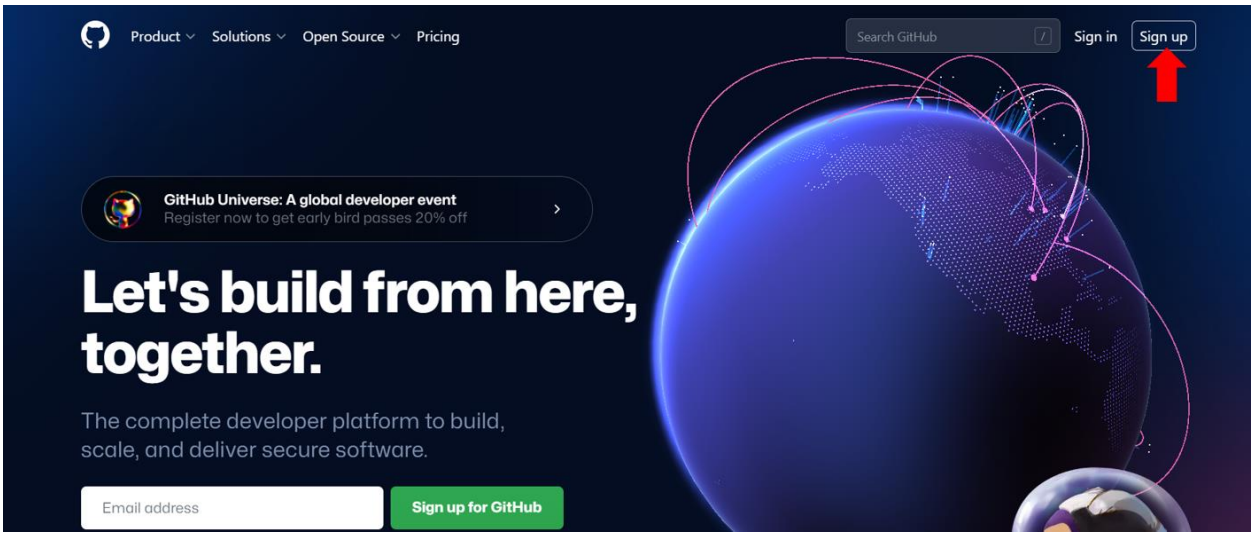
What is the difference between Git and Github?

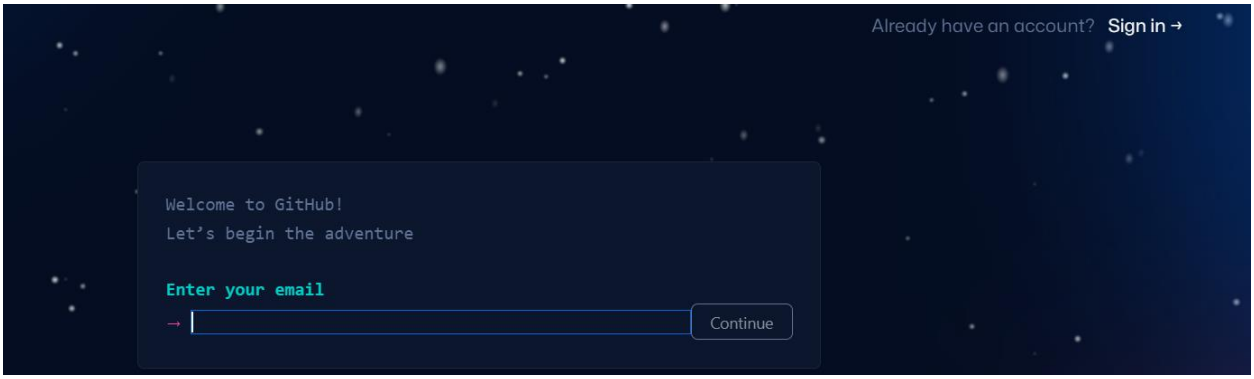
Git is used with the command line terminal.
Github is where the repositories are stored.

Create your account.

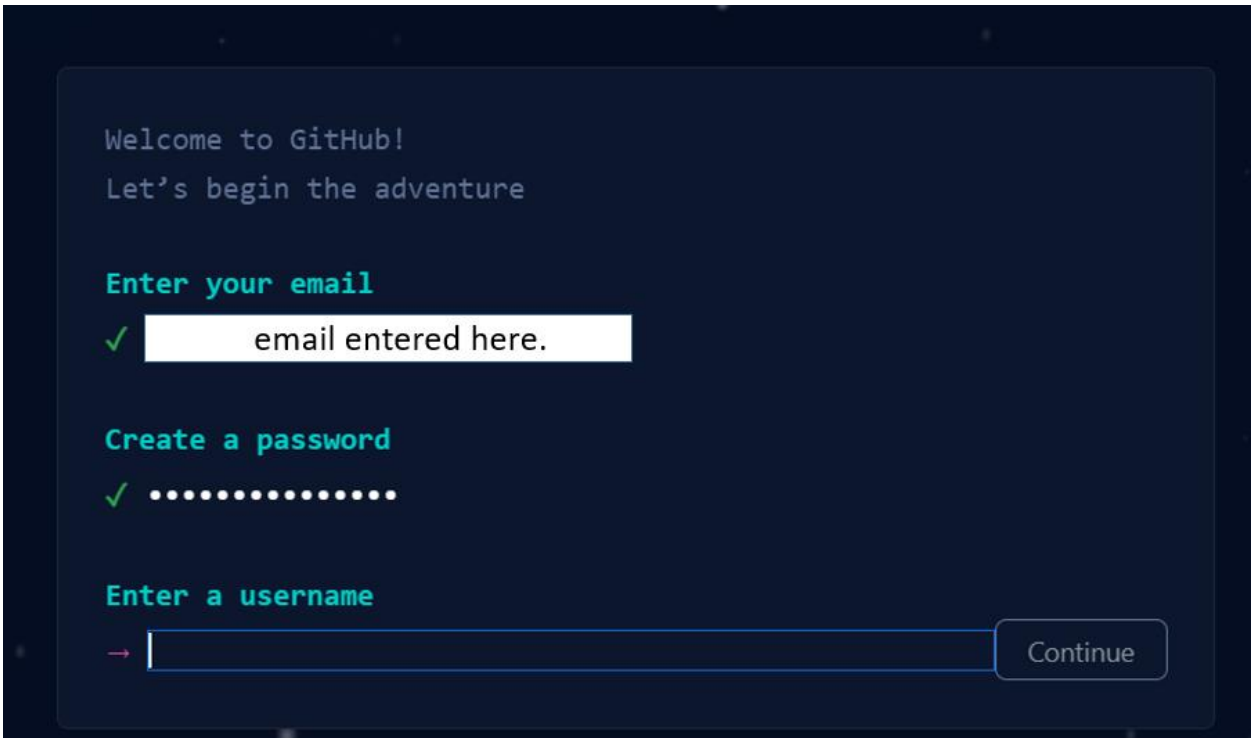
Go to Github.com and click on sign up.



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.

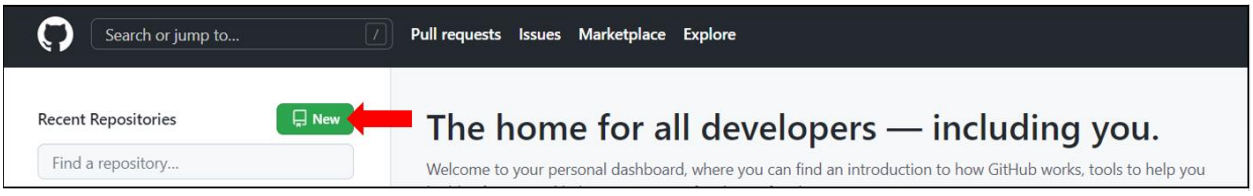


After you enter your username it will ask if you want to receive update information via your email you enter y for yes or n for no based on your preference.

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

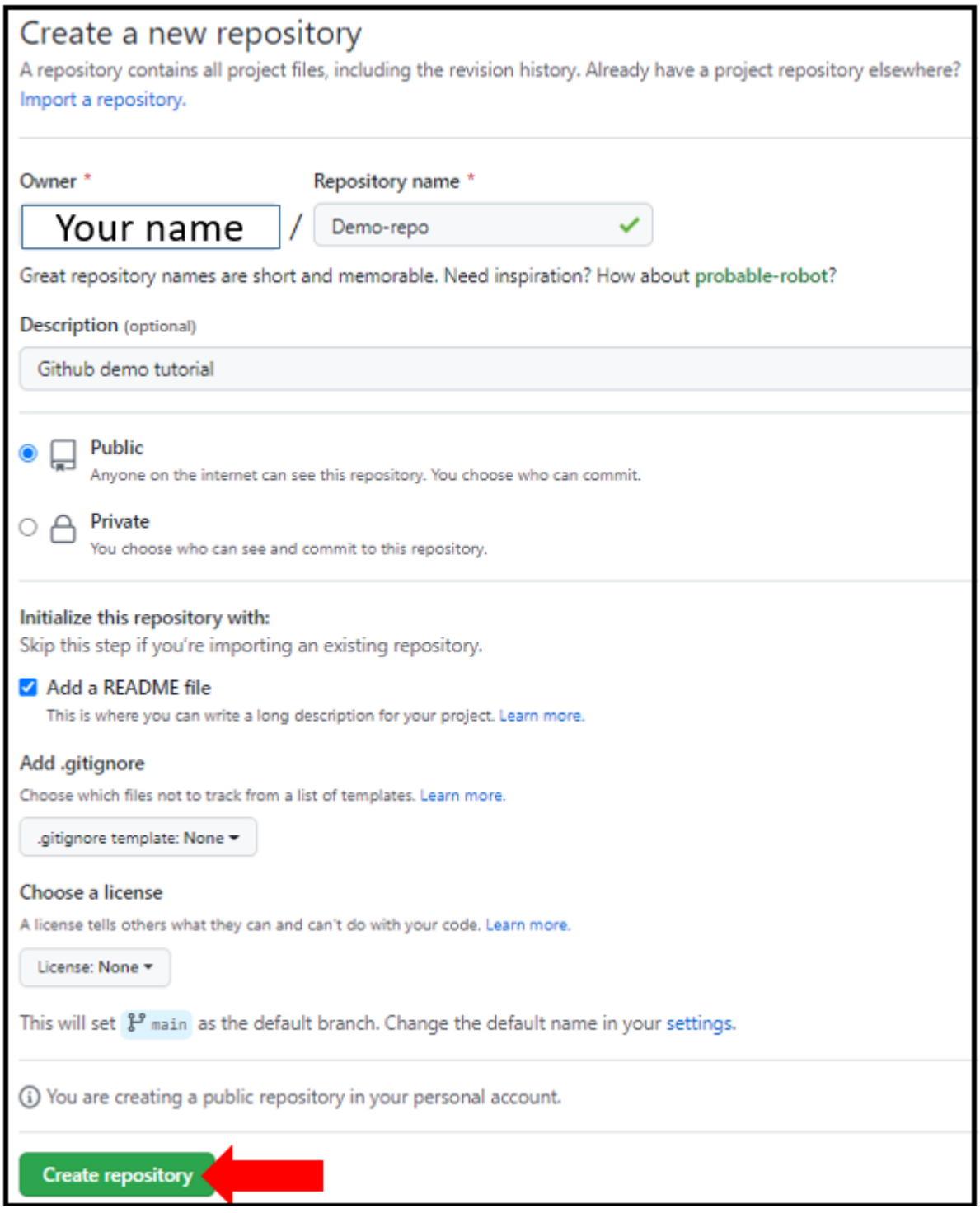
Log into your account on Github.

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



Create your Repository

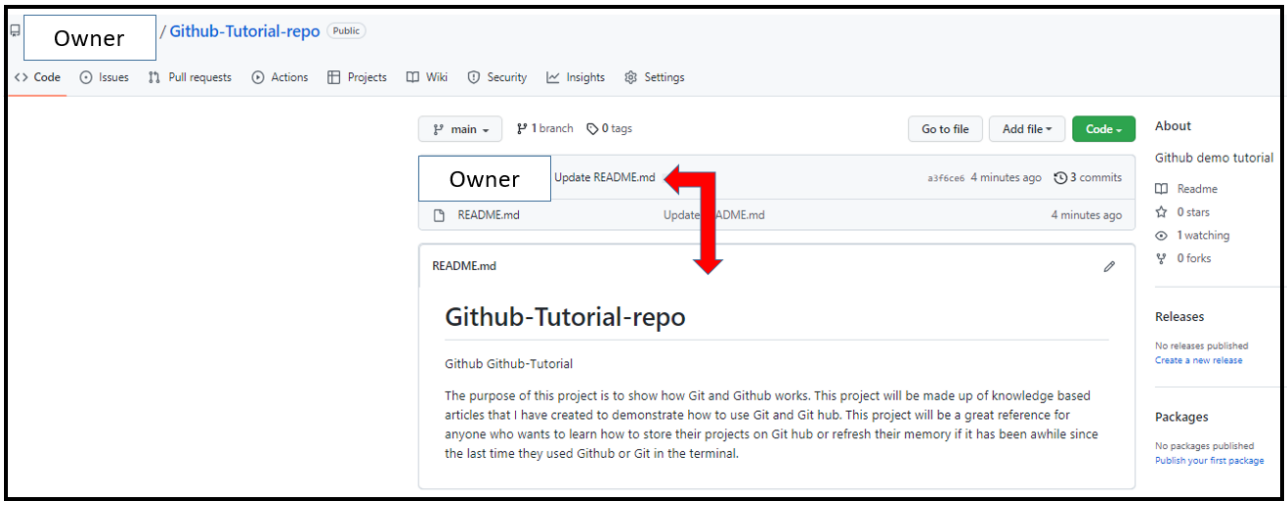
Select a name for your project then name it yourNamedProject-repo.
Check the box to add a ReadME file. (This is important for explaining what the purpose of your project is).
Then click on create repository.



Edit or create the Readme.md file

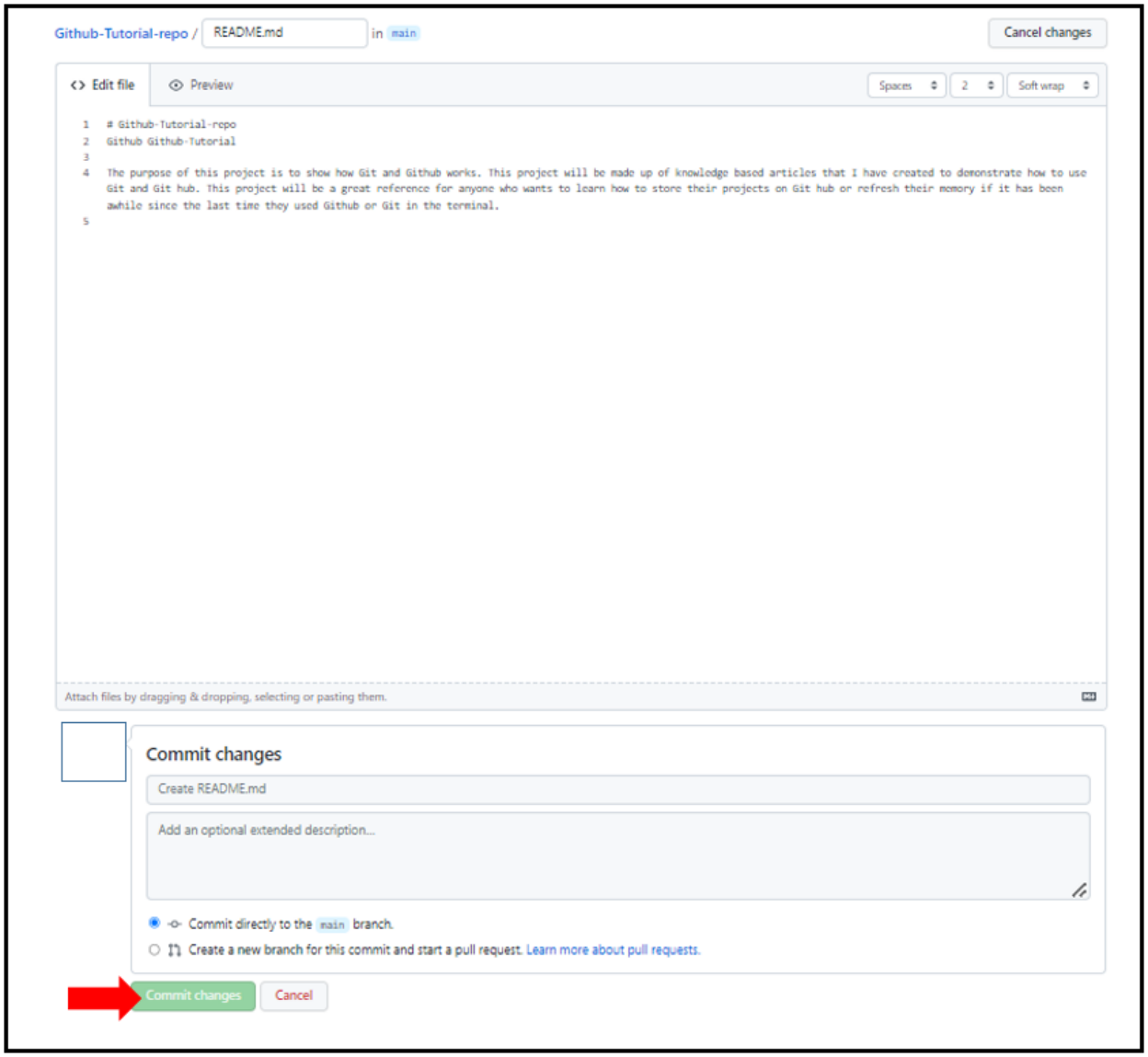
Click on update README.md.

(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.

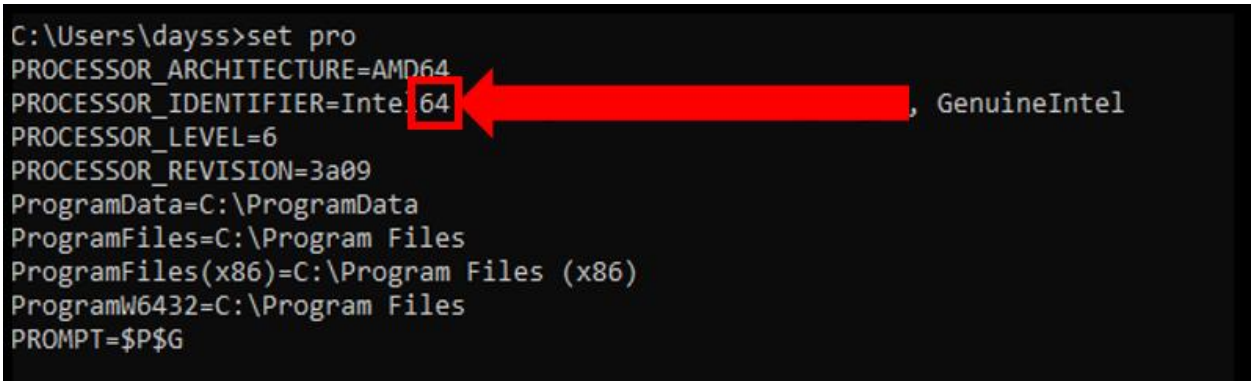


Install Git on your computer.

(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)

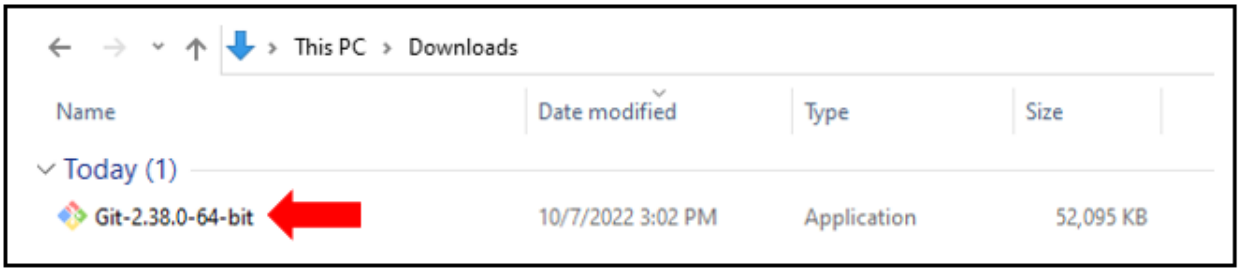
Go to git-scm.com and click on download for Windows.

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.



Select either 32 bit or 64 bit download.

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

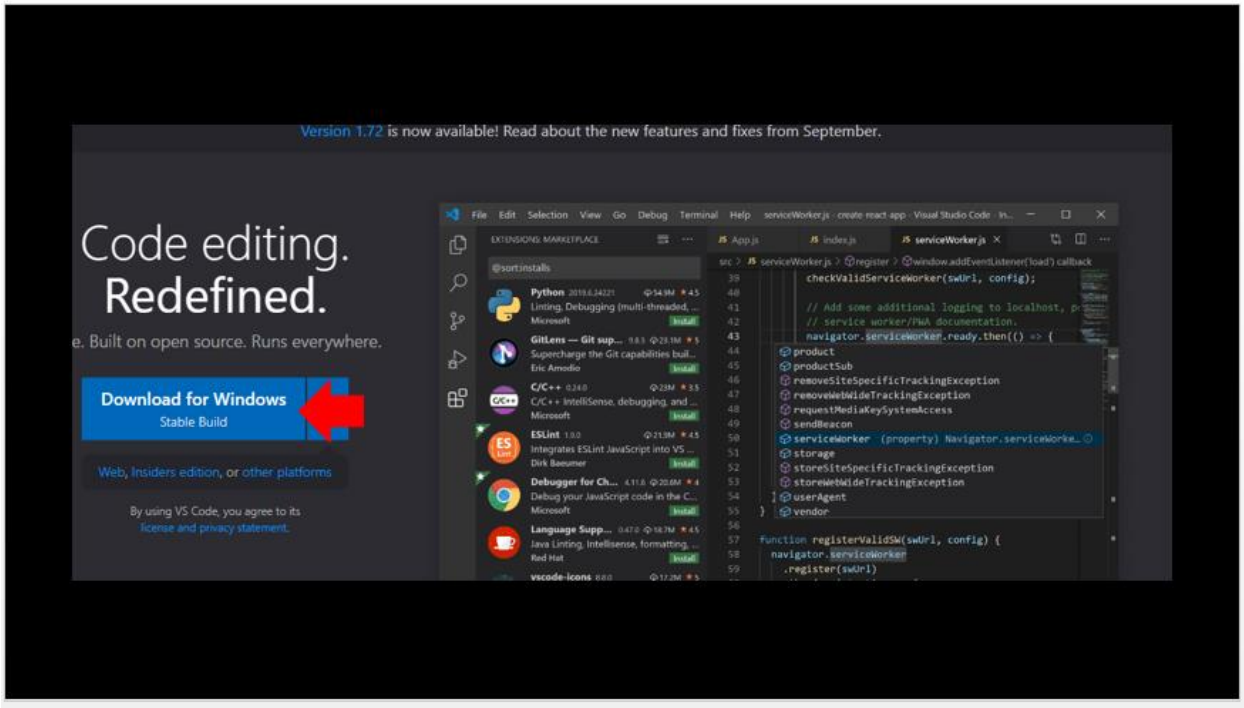


Click yes to allow.
Click install.

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.

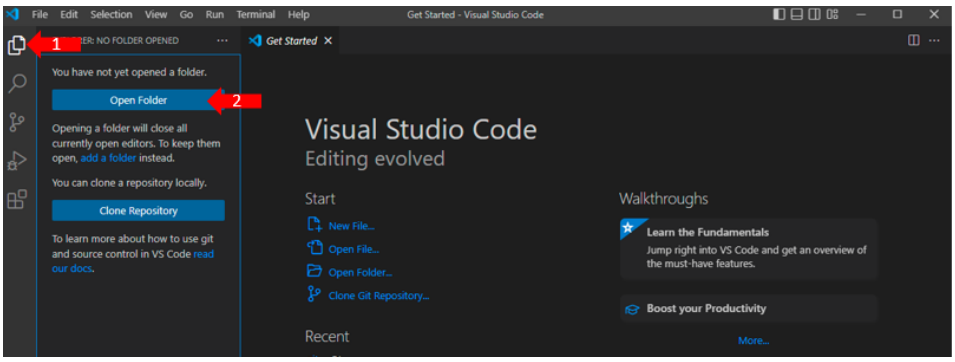


Then double click on the file in your download folder to start the installation.

Connect your GitHub to Visual Studio Code Editor

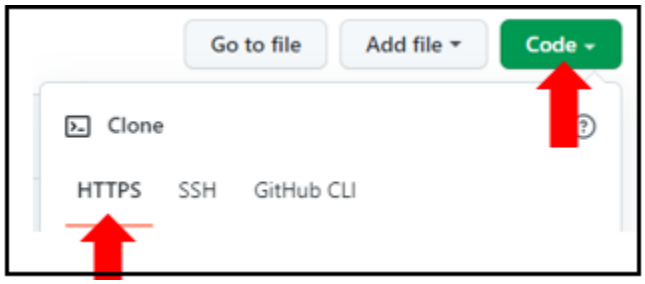
Create a folder named git in your C drive or your preferred location on your computer.

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

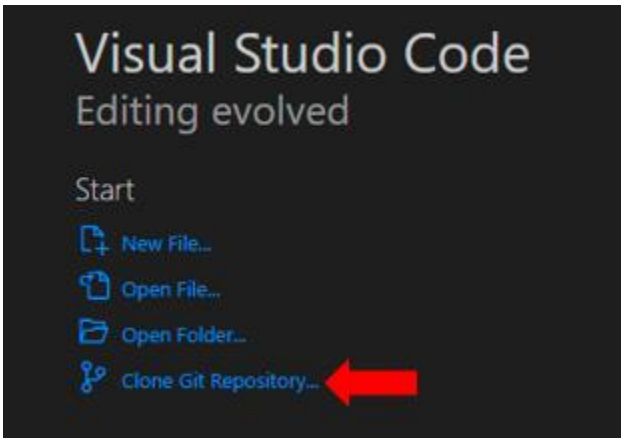


Click on Terminal.

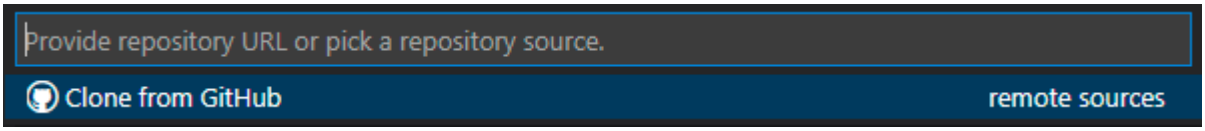
Go to your Github account and open your repository.
Click code and then in the HTTPS box copy it.



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

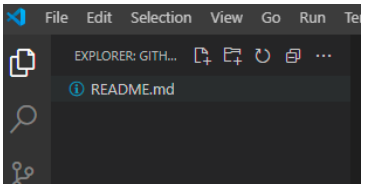


Then paste the HTTPS you copied from your repository in GitHub.
Then press enter.

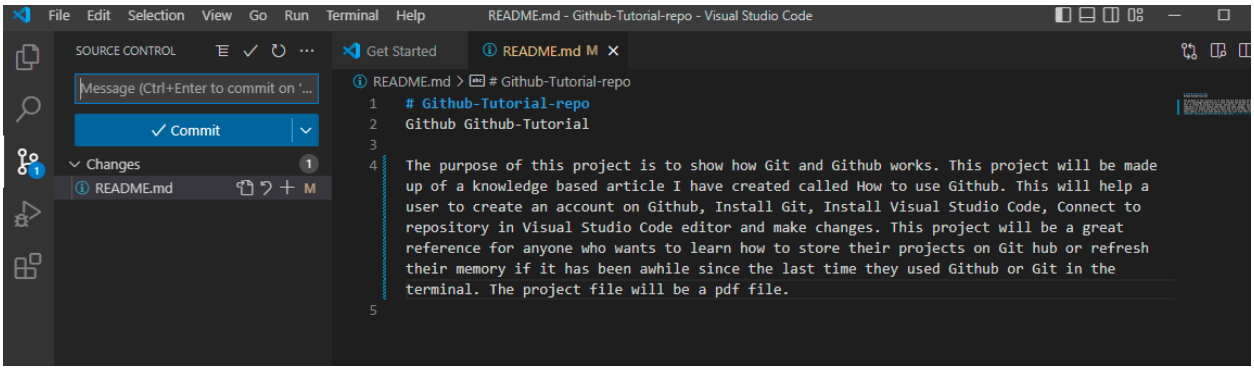


In the Explorer menu you will see the folder that represents your repository.

Now click on the README.md file to make changes.

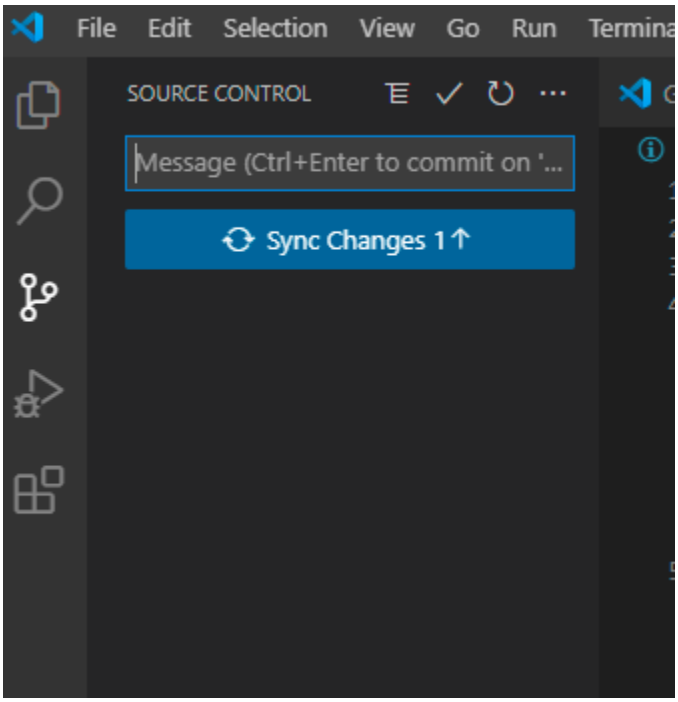


I made changes to my README.md file.
The letter M appears next to the file in the Explorer letting us know that the file has been modified.
Click on the Branch icon and then a commit box opens.
Now type in the box what changes were made.
Click on Commit.

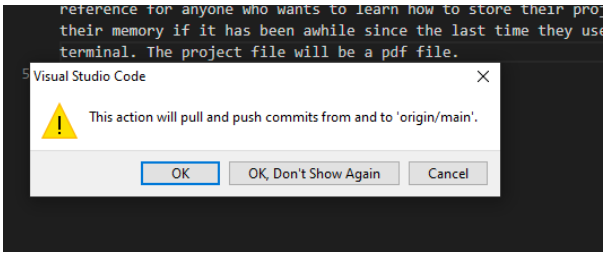


Now a box will pop up. Click yes

Then click on sync changes.



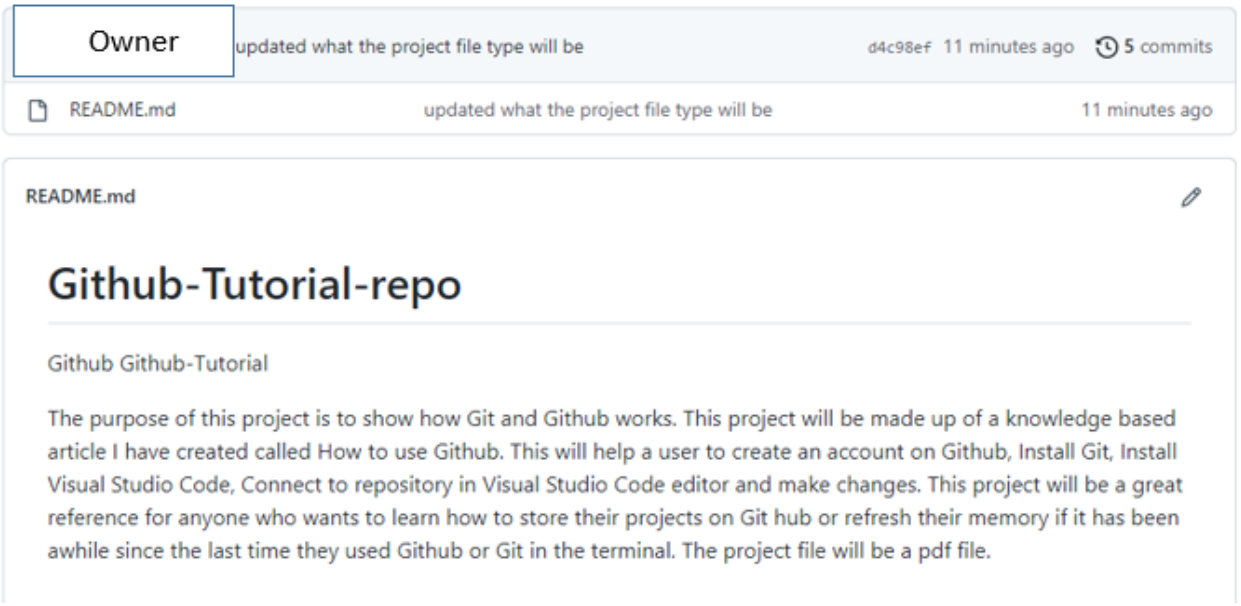
A box pops up, Select Ok, Don't Show Again.



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.



This is the end of this document for now…