

To access Github you must first find a way to input into your Command Terminal. To access git in the Terminal you must find a place anywhere on your computer where you can easily access it. I choose to make my own folder, separated and labeled, to easily locate my git:

```
Command Prompt
Microsoft Windows [Version 10.0.19043.1237]
(c) Microsoft Corporation. All rights reserved.

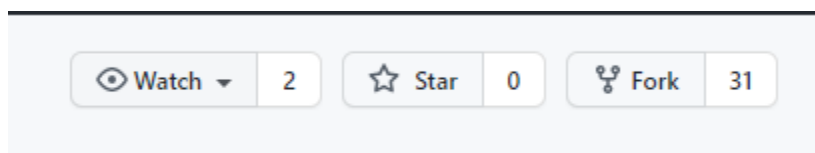
C:\Users\ann lee>cd Desktop

C:\Users\ann lee\Desktop>mkdir classwork

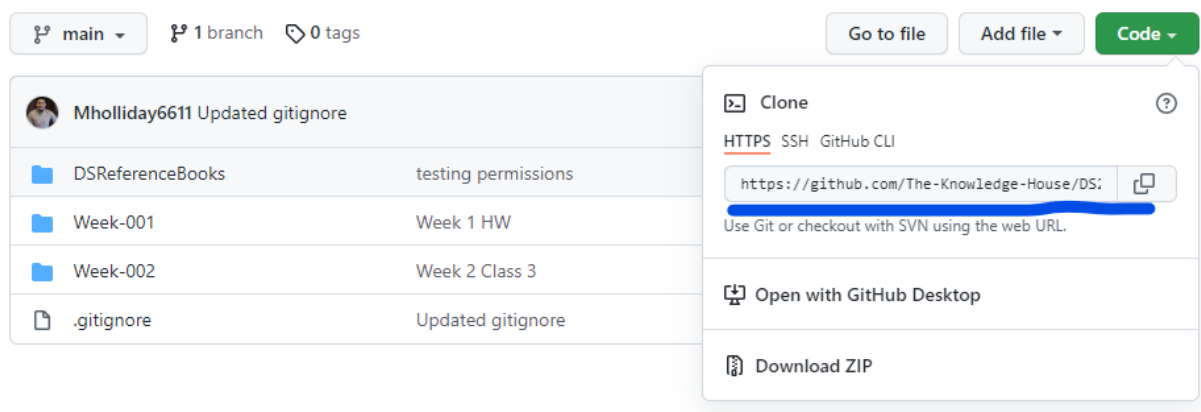
C:\Users\ann lee\Desktop>cd classwork

C:\Users\ann lee\Desktop\classwork>git -v
unknown option: -v
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
         [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
         [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
         [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
         [--super-prefix=<path>] [--config-env=<name>=<envvar>]
         <command> [<args>]
```

Fork the github you want to make it your own, if you have your own github you don't really need to fork:



Next copy the link of Github you want access to and input it into your terminal with git clone:



```
C:\Users\ann lee\Desktop\classwork\DS2022>git clone https://github.com/aleechoco/DS2022.git
Cloning into 'DS2022'...
remote: Enumerating objects: 23, done.
remote: Counting objects: 100% (23/23), done.
remote: Compressing objects: 100% (20/20), done.
remote: Total 23 (delta 5), reused 14 (delta 2), pack-reused 0
Receiving objects: 100% (23/23), 42.14 MiB | 4.11 MiB/s, done.
Resolving deltas: 100% (5/5), done.
```

An error I actually made while trying to replicate and record my process was using the wrong github link as my origin so I ended up with this:

```
C:\Users\ann lee\Desktop\classwork\DS2022>git remote -v
origin https://github.com/The-Knowledge-House/DS2022.git (fetch)
origin https://github.com/The-Knowledge-House/DS2022.git (push)

C:\Users\ann lee\Desktop\classwork\DS2022>git remote add upstream https://github.com/The-Knowledge-House/DS2022.git

C:\Users\ann lee\Desktop\classwork\DS2022>-git remote -v
'-git' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\ann lee\Desktop\classwork\DS2022>git remote -v
origin https://github.com/The-Knowledge-House/DS2022.git (fetch)
origin https://github.com/The-Knowledge-House/DS2022.git (push)
upstream https://github.com/The-Knowledge-House/DS2022.git (fetch)
upstream https://github.com/The-Knowledge-House/DS2022.git (push)
```

When I wanted something more like this so I have access to my github while also updates from the original source:

```
C:\Users\ann lee\Documents\TKH Fellowship\classwork\DS2022>git remote -v
origin https://github.com/aleechoco/DS2022.git (fetch)
origin https://github.com/aleechoco/DS2022.git (push)
upstream https://github.com/The-Knowledge-House/DS2022.git (fetch)
upstream https://github.com/The-Knowledge-House/DS2022.git (push)
```

So it can be an easy mistake to make when trying to set up your github, especially if you're new to this as you don't understand all the terms and commands. To help avoid these issues I'd say to always check before you click enter because it's more work correcting a mistake than preventing one in my opinion. Of course mistakes should be made to learn from though so I'm also advising myself this way and encourage others to make mistakes or learn from my mistake. With the repository cloned into our computer it is easy to access and make changes to it while also contributing to it.

To get new files updated from the original repository use the git pull command to retrieve these files onto your computer:

```
C:\Users\ann lee\Documents\TKH Fellowship\classwork\DS2022>git pull
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 8 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (8/8), 9.03 KiB | 243.00 KiB/s, done.
From https://github.com/aleechoco/DS2022
   8ce2536..150c4b4  main      -> origin/main
Updating 8ce2536..150c4b4
Fast-forward
 Week-001/week-01-class-03.ipynb | 3117 ++++++
 1 file changed, 3117 insertions(+)
 create mode 100644 Week-001/week-01-class-03.ipynb
```

With the counteraction being the git push option you can add modified files from the repository that you have changed yourself and add them to the original repository. This relationship allows you to contribute and work with others through Github quickly and efficiently, while also keeping your work organized and arranged the way you want to.

If you wish to become a coder you should try to learn Github especially if you are to work on a programming team. I also hope to learn about Github in the coming future and maybe I may also work with you one day.