

# Fork and Clone a GitHub Repository

Forking a repository means copying a GitHub repository from a different GitHub account to your own GitHub account. (You can NOT fork your own repository.)

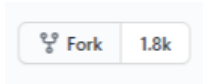
Cloning a repository means copying a GitHub repository from one where you have access permissions (could be your own account or someone else's you have permissions to clone) to a folder on your computer so you can make changes on your local copy.

## Fork a Repository

Find a GitHub repository you want to fork. (Not one on your own account.)

This example uses this repository: <https://github.com/DevMountain/learn-git> (<https://github.com/DevMountain/learn-git>)

There should be a button somewhere which allows you to Fork the repository. At the time of writing this example the button is located on the right-hand side of the page about half-way down.



Click the button to copy the repository from its original location to your own account.

Make a folder on your computer where you want to clone the repository to.

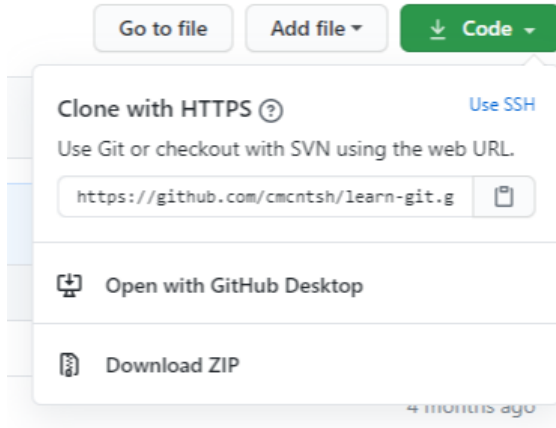
Open VSCode

Open the folder you just created in VSCode File – Open Folder...

## Clone the repository using terminal commands in VSCode

Open a terminal in VSCode. Terminal – New Terminal

Copy the address of the repository on your GitHub account.



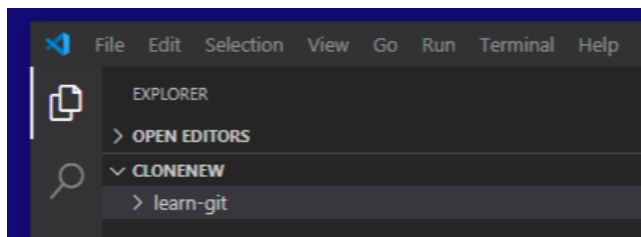
Run the command in the terminal

git clone [address of repository copied from GitHub]

```
COMMENTS PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

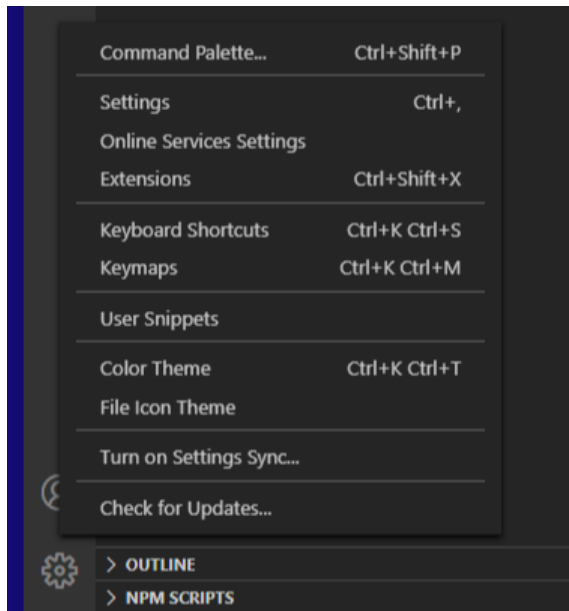
cimacint@LR90PEBTY MINGW64 ~/Documents/Junk/Projects/cloneNew
$ git clone https://github.com/cmcntsh/learn-git.git
Cloning into 'learn-git'...
remote: Enumerating objects: 799, done.
Receiving objects: 82% (656/799)remote: Total 799 (delta 0), reused 0 (delta 0), pack-reused 799
Receiving objects: 100% (799/799), 109.74 KiB | 1.22 MiB/s, done.
Resolving deltas: 100% (283/283), done.
```

The repository will appear in the Explorer window in VSCode.



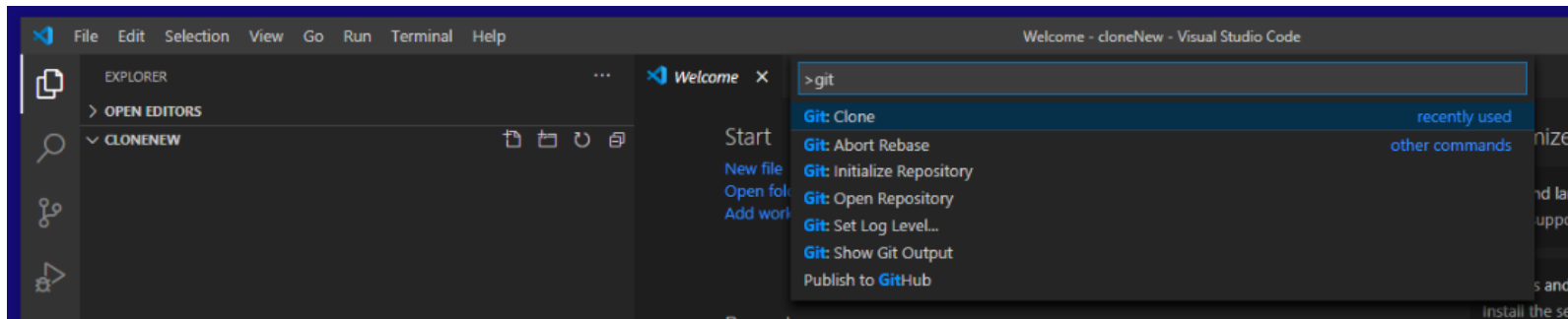
### Clone the repository using the VSCode interface

Open the VSCode Command Palette Click on the gear icon at the bottom left of the window – Command Palette...

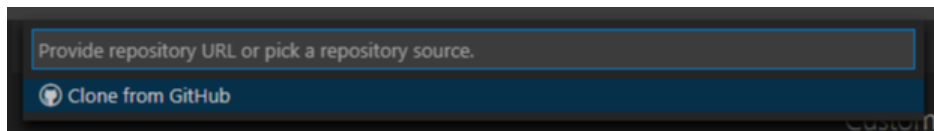


The command palette will appear at the top center of the VSCode window.

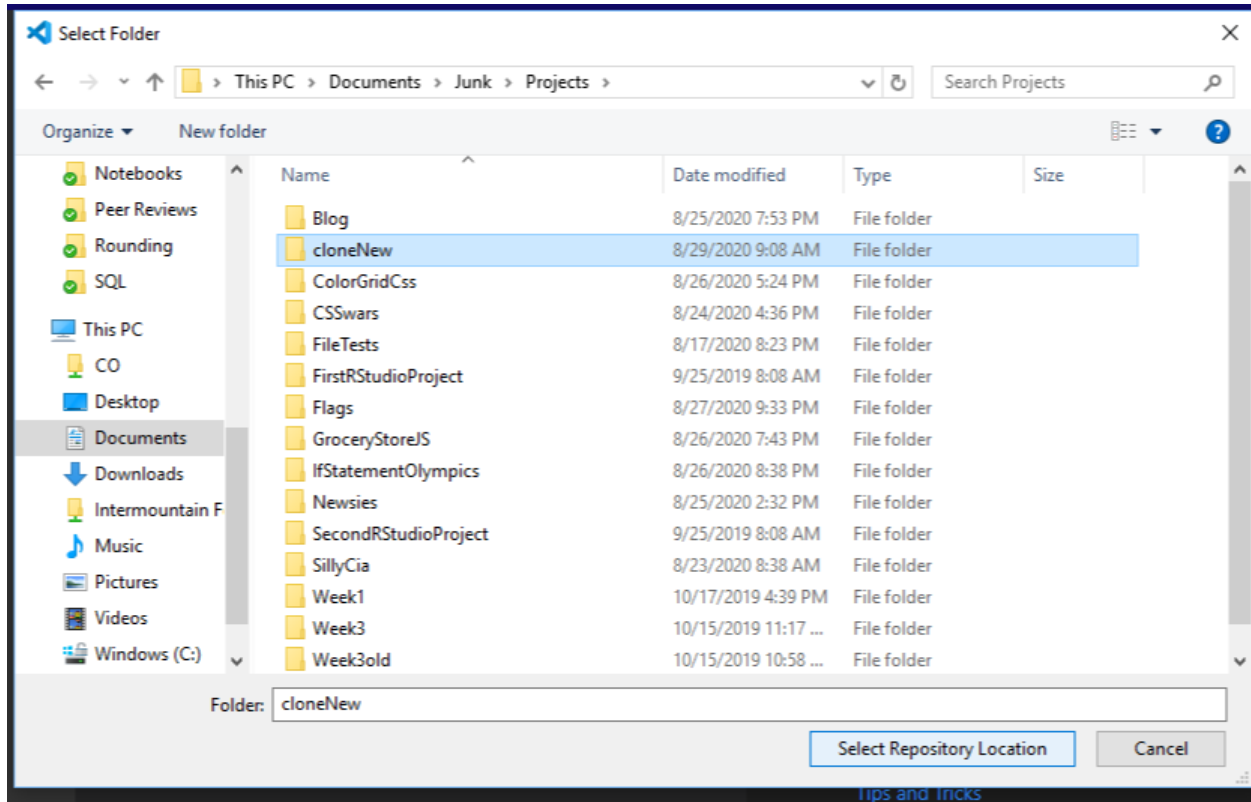
Start typing git in the text box and git commands will appear. Select git clone.



VSCode will ask for the repository URL. Paste it into the text box.



VSCode will ask you to select a folder where you want the new repository created. Navigate to your desired folder and select it.



The repository will show up in the VSCode Explorer window in a new folder inside the one you selected.

