

Danny Tapp

DATA\_613

**Title:** “Git and GitHub Assignment”

**GitHub Repository URL:** [https://github.com/tapptocode/DATA\\_613\\_HW](https://github.com/tapptocode/DATA_613_HW)

**Screenshots and Git Commands:**

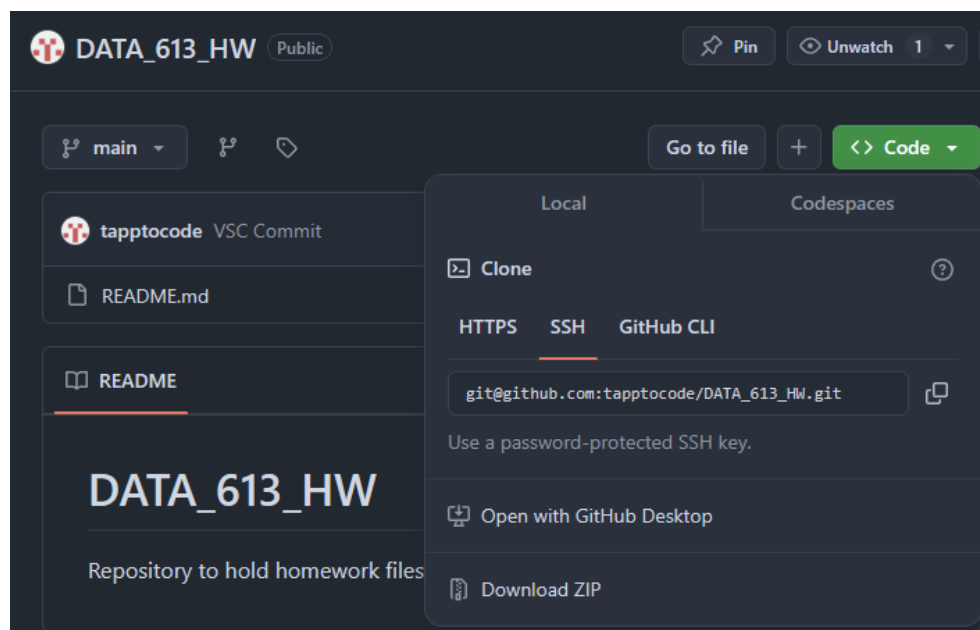
## I. Cloned Repository

```
Danny Tapp@Danny-PC MINGW64 ~
$ pwd
/c/Users/Danny Tapp

Danny Tapp@Danny-PC MINGW64 ~
$ cd /Desktop
bash: cd: /Desktop: No such file or directory

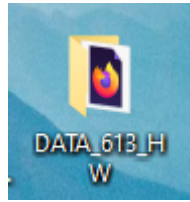
Danny Tapp@Danny-PC MINGW64 ~
$ cd "C:\Users\Danny Tapp\OneDrive - american.edu\Desktop"

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop
$ git clone git@github.com:tapptocode/DATA_613_HW.git
Cloning into 'DATA_613_HW'...
The authenticity of host 'github.com (140.82.112.4)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvvV6TuJJhbpZisF/zLDA0zPM5vHdkr4UvCOqU.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 1), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (6/6), done.
Resolving deltas: 100% (1/1), done.
```



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- a. The above pictures show how I cloned by GitHub repository
- b. First, I got my current working directory.
- c. Then, I set my current working directory to be the desired location for the cloned repository
- d. Then, I went to my GitHub repository, clicked on the green Code button, and copied the SSH url since I have an SSH key connection between my GitHub and home PC
- e. Then, I went back to Git Bash and typed `git clone *copied SSH url*` to clone it to my desired location. Now my repository is cloned to the current working directory, which in this case is my Desktop.



- f. Screenshot of cloned repository on my desktop

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## II. Git Add, Git Commit, Git Push

```
$ cd DATA_613_HW

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ git stats
git: 'stats' is not a git command. See 'git --help'.

The most similar command is
    status

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ touch github_test_file.txt

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ git add github_test_file.txt

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   github_test_file.txt

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ git commit
Aborting commit due to empty commit message.

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ ^C

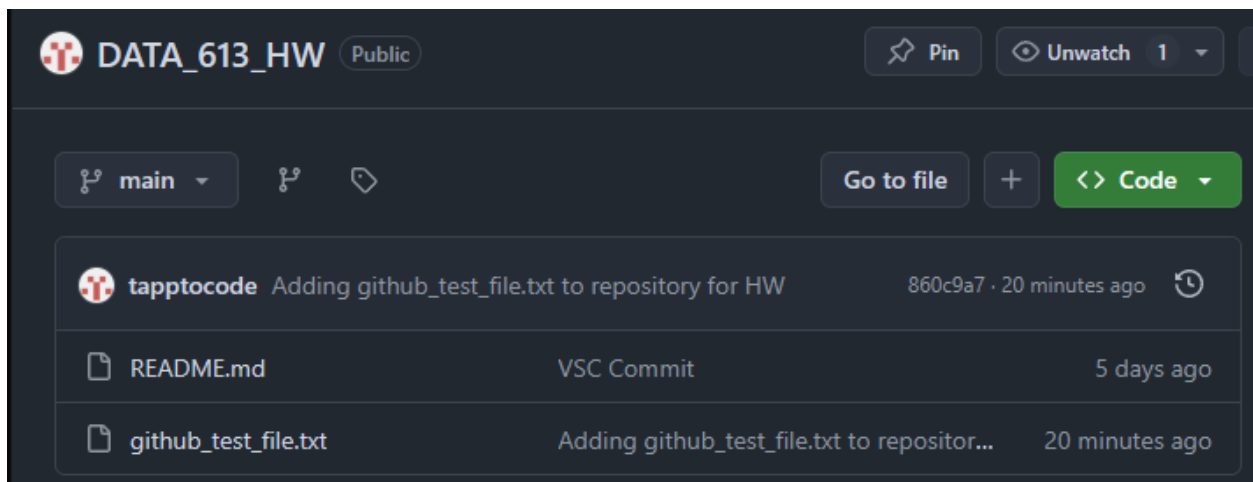
Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ git commit
Aborting commit due to empty commit message.

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ git commit
[main 860c9a7] Adding github_test_file.txt to repository for HW
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 github_test_file.txt

Danny Tapp@Danny-PC MINGW64 ~/OneDrive - american.edu/Desktop/DATA_613_HW (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 332 bytes | 332.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:tapptocode/DATA_613_HW.git
2470d11..860c9a7  main -> main
```

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- a. First, I made my current directory into my cloned repository on my desktop
- b. Then, I did git status to verify I was ready to start
- c. Then, I created a new txt file to add to my GitHub repository
- d. Then, I did git add \*new file\* and git status to make sure I had done that step properly
- e. Then, I did git commit which automatically pulled up VSCode. I then had to add a commit message, where I entered, “Adding github\_test\_file.txt to repository for HW”
- f. Then, I did git push so it would go to my GitHub repository



- g. This is confirmed in the above screenshot