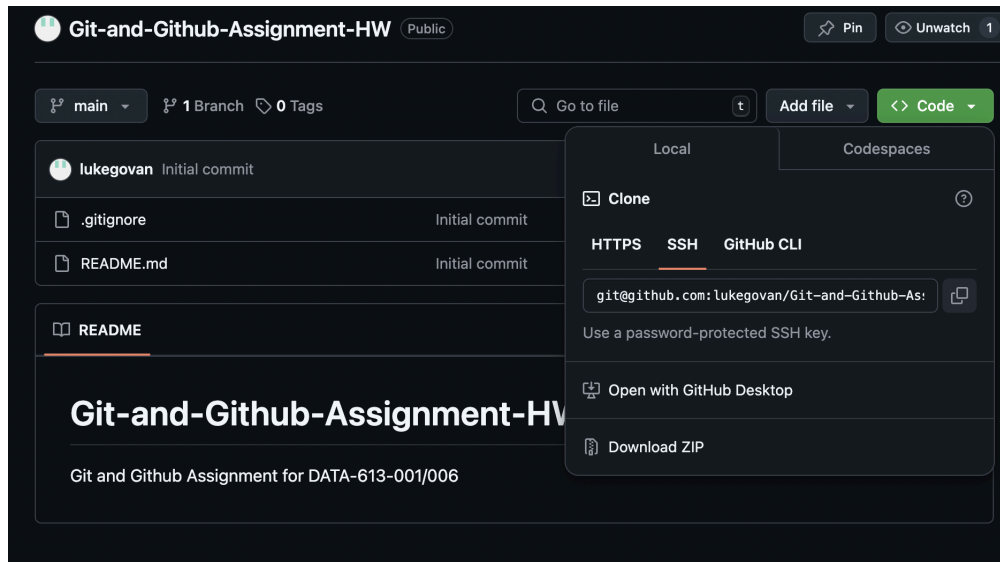


Luke Govan
February 4, 2025
DATA-613-001/006
Git and Github Assignment

<https://github.com/lukegovan/Git-and-Github-Assignment-HW.git>

First, I created a public Github Repository and copied the SSH code so that I could clone it into my terminal shell.



Here, I have cloned it into my terminal shell:

```
lukegovan — -zsh — 80x24
Last login: Mon Feb  3 13:43:54 on ttys001
(base) lukegovan@Lukes-MacBook-Pro-2 ~ % git clone git@github.com:lukegovan/Git-and-Github-Assignment-HW.git
Cloning into 'Git-and-Github-Assignment-HW'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.
(base) lukegovan@Lukes-MacBook-Pro-2 ~ %
```

Next, I want to make sure I am operating in the repository itself so I change my directory to my repository “Git-and-Github-Assignment-HW” and use the ls -a command to make sure I am in there and only pulling files from there.

```
[(base) lukegovan@Lukes-MacBook-Pro-2 ~ % cd Git-and-Github-Assignment-HW
[(base) lukegovan@Lukes-MacBook-Pro-2 Git-and-Github-Assignment-HW % ls -a
.          ..          .git          .gitignore  README.md
```

Now I want to add a file, so I use the echo command to write “Test file” and the > command to add it to the new txt file. Then, I use git add to add this change to the staging area in the terminal. I had a typo on line two which is why I got an error.

```
[(base) lukegovan@Lukes-MacBook-Pro-2 Git-and-Github-Assignment-HW % echo "Test f
ile." > test_file.txt
[(base) lukegovan@Lukes-MacBook-Pro-2 Git-and-Github-Assignment-HW % git add test
_file.txt
fatal: pathspec 'test_fie.txt' did not match any files
[(base) lukegovan@Lukes-MacBook-Pro-2 Git-and-Github-Assignment-HW % git add test
_file.txt
```

Now, I use git status to make sure it is in the staging area. As the green text appears, we can tell it is staged and ready to be committed.

```
[(base) lukegovan@Lukes-MacBook-Pro-2 Git-and-Github-Assignment-HW % 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:   test_file.txt
```

Now, using the git commit -m function, I can write a message “This is the test file” to let others know when we are collaborating or my future self what this file contains and what has been committed to it.

```
[(base) lukegovan@Lukes-MacBook-Pro-2 Git-and-Github-Assignment-HW % git commit -]
m "This is the test file"
[main fb431c1] This is the test file
1 file changed, 1 insertion(+)
create mode 100644 test_file.txt
```

Then, I use git push origin main to push the commit and the new text file back to my git repository.

```
[(base) lukegovan@Lukes-MacBook-Pro-2 Git-and-Github-Assignment-HW % git push ori
gin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 333 bytes | 333.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:lukegovan/Git-and-Github-Assignment-HW.git
b7e3f1c..fb431c1  main -> main
```

Finally, we can see that the new file “test_file.txt” is in our repository, and its message reads, “This is the test file.”

The screenshot shows a GitHub repository page for 'Git-and-Github-Assignment-HW' by user 'lukegovan'. The repository is public and has 1 branch (main) and 0 tags. The commit history shows three commits: a commit by 'fb431c1' 1 minute ago with 2 commits, and two initial commits by 'Initial commit' 10 minutes ago. The files listed are .gitignore, README.md, and test_file.txt. The README file is selected, showing the title 'Git-and-Github-Assignment-HW' and the content 'Git and Github Assignment for DATA-613-001/006'. The right sidebar shows the repository's metadata, including 0 stars, 1 watching, and 0 forks. The 'About' section shows the repository's description: 'Git and Github Assignment for DATA-613-001/006'. The 'Releases' section shows no releases published, and the 'Packages' section shows no packages published.

lukegovan / Git-and-Github-Assignment-HW

Issues Pull requests Actions Projects Wiki Security Insights Settings

Git-and-Github-Assignment-HW Public

main 1 Branch 0 Tags

Go to file Add file Code

Commit History

Commit	Message	Time
fb431c1	This is the test file	1 minute ago
Initial commit		10 minutes ago
Initial commit		10 minutes ago

Files

File	Message	Time
.gitignore	Initial commit	10 minutes ago
README.md	Initial commit	10 minutes ago
test_file.txt	This is the test file	1 minute ago

README

Git-and-Github-Assignment-HW

Git and Github Assignment for DATA-613-001/006

About

Git and Github Assignment for DATA-613-001/006

Readme Activity 0 stars 1 watching 0 forks

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)