

Git and Github Assignment

https://github.com/jesseabrandt/data613_hw1

Clone the repository (git clone)

```
[(base) jessebrandt@MacBook-Pro-2 Stat614 % git clone https://github.com/jesseabrandt/data613_hw1
Cloning into 'data613_hw1'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.
[(base) jessebrandt@MacBook-Pro-2 Stat614 % cd data613_hw1
(base) jessebrandt@MacBook-Pro-2 data613_hw1 %
```

Create a new file and check the status. (touch, git status)

```
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % touch newfile.txt
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    newfile.txt

nothing added to commit but untracked files present (use "git add" to track)
```

Stage new file. (git add)

```
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git add newfile.txt
```

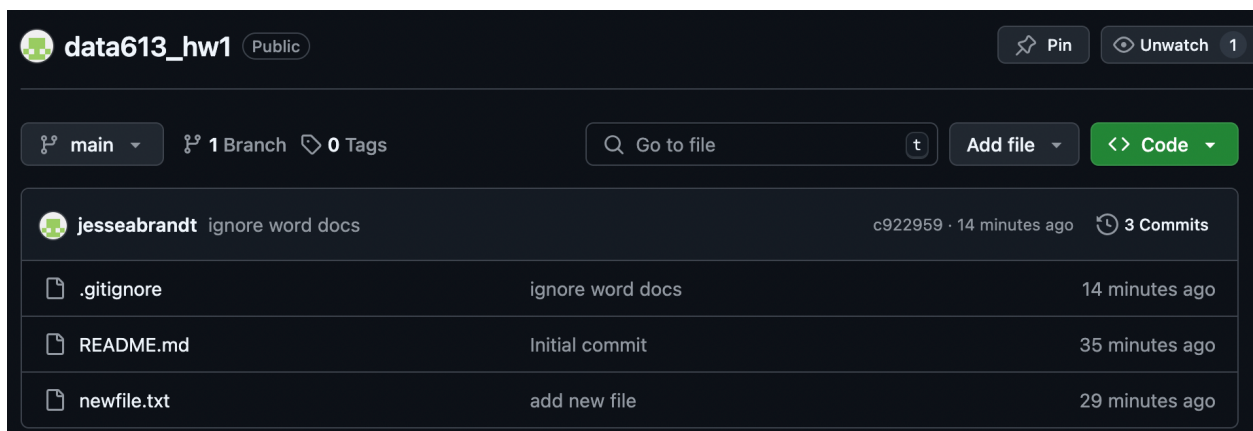
Commit new file (git commit)

```
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git commit -m "add new file"
[main 48915ad] add new file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newfile.txt
```

push to GitHub (git push)

```
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git push
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), 312 bytes | 312.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/jesseabrandt/data613_hw1
001674b..48915ad  main -> main
```

Check GitHub



The screenshot shows the GitHub interface for a repository named 'data613_hw1' by user 'jesseabrandt'. The repository is public. The main branch is selected, showing 1 branch and 0 tags. A search bar is present with the text 'Go to file'. There are buttons for 'Add file' and 'Code'. The commit history shows three commits:

File	Commit Message	Time
.gitignore	ignore word docs	14 minutes ago
README.md	Initial commit	35 minutes ago
newfile.txt	add new file	29 minutes ago

(Instructions unclear: was I supposed to take multiple screenshots of GitHub? GitHub screenshots were mentioned in the grading section, but not the actual instructions)

--HERE ENDS ASSIGNMENT--

[added the word document I'm using to create the pdf to this folder]

check status again

```
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
      Git_and_Github_Assignment.docx
      ~$t_and_Github_Assignment.docx
```

Open .gitignore to tell git to ignore these files

```
(base) jessebrandt@MacBook-Pro-2 data613_hw1 % open .gitignore
```

Add *.docx to .gitignore

```
#Word documents
*.docx
```

Check status, realize I have to stage .gitignore

```
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
      modified:   .gitignore
```

stage, commit, push to GitHub

```
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git add .gitignore
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git commit -m "ignore word docs"
[main c922959] ignore word docs
 1 file changed, 4 insertions(+), 1 deletion(-)
[(base) jessebrandt@MacBook-Pro-2 data613_hw1 % git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 374 bytes | 374.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/jesseabrandt/data613_hw1
 48915ad..c922959  main -> main
```