

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/jessebrandt/data613_hw1
001674b..48915ad main -> main
```

Check GitHub

The screenshot shows the GitHub interface for a repository named 'data613_hw1' by user 'jessebrandt'. The repository is public. The main branch is selected. Below the repository header, there is a table of recent commits. The first commit, 'ignore word docs', is highlighted. It shows the files '.gitignore', 'README.md', and 'newfile.txt' were added. The commit hash is c922959 and it was made 14 minutes ago. There are 3 commits in total.

| 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
```