Git and GitHub Assignment
Sloane Johns

GitHub repository URL: https://github.com/Sloane125/git-clone-push-assignment.git

1. This screenshot shows me creating a new directory in my computer, moving to that new directory, and using 'git init' to initialize a new empty repository.

```
[sloanejohns@sloanes-air ~ % mkdir git-clone-push-assignment
[sloanejohns@sloanes-air ~ % cd git-clone-push-assignment
[sloanejohns@sloanes-air git-clone-push-assignment % git init
```

2. This screenshot shows me cloning a repository from my GitHub to my terminal.

```
sloanejohns@sloanes-air git-clone-push-assignment % git clone git@github.com:Slo]
ane125/git-clone-push-assignment.git
Cloning into 'git-clone-push-assignment'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
```

3. Unfortunately, I named the directory and repository the same, but I navigated into the repository to create a new file.

```
sloanejohns@sloanes-air git-clone-push-assignment % ls                        ]
git-clone-push-assignment
sloanejohns@sloanes-air git-clone-push-assignment % cd git-clone-push-assignment

sloanejohns@sloanes-air git-clone-push-assignment % ls                        ]
README.md
```

4. In this screenshot, I am using 'echo' to create a new text file, 'ls' to confirm that it has been added to my working directory, and 'cat' to confirm that the file includes the text I want.

```
sloanejohns@sloanes-air git-clone-push-assignment % echo "This is the new file I]
 am adding to my assignment." > newfile.txt
sloanejohns@sloanes-air git-clone-push-assignment % ls                        ]
README.md        newfile.txt
sloanejohns@sloanes-air git-clone-push-assignment % cat newfile.txt           ]
This is the new file I am adding to my assignment.
```

5. In this screenshot, I used 'git status' to see that my new file was not being tracked, 'git add' to begin tracking it, and 'git status' again to confirm that it was in the staging area.

```
[sloanejohns@sloanes-air git-clone-push-assignment % 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)
[sloanejohns@sloanes-air git-clone-push-assignment % git add newfile.txt
[sloanejohns@sloanes-air git-clone-push-assignment % 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:   newfile.txt
```

6. In this screenshot, I used 'git commit' to commit my new file and add a commit message. Then, I used 'git status' to confirm that the commit was correctly tracked.

```
sloanejohns@sloanes-air git-clone-push-assignment % git commit -m "This is my fi]
rst commit. I added newfile.txt"
[main 26c7bd0] This is my first commit. I added newfile.txt
 1 file changed, 1 insertion(+)
 create mode 100644 newfile.txt
sloanejohns@sloanes-air git-clone-push-assignment % git status                    ]
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

7. In this screenshot, I used 'git push' to push my changes to the repository on GitHub and 'git status' to confirm that the repository was up to date.

```
sloanejohns@sloanes-air git-clone-push-assignment % git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 356 bytes | 356.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:Sloane125/git-clone-push-assignment.git
   d5b2036..26c7bd0  main -> main
sloanejohns@sloanes-air git-clone-push-assignment % git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

8. Finally, this is a screenshot of my GitHub, which shows 'newfile.txt' in my git-clone-push-assignment repository and the commit message.

git-clone-push-assignment / newfile.txt

Sloane125 This is my first commit. I added newfile.txt   26c7bd0 · 9 minutes ago

| Code | Blame | 1 lines (1 loc) · 51 Bytes   Code 55% faster with GitHub Copilot   Raw |

1   This is the new file I am adding to my assignment.