

ASEN 4057 Assignment 4 Part 3

I.

```
torfinn@torfinn-laptop:~/Documents$ mkdir ASEN_4057; cd ASEN_4057; mkdir Assignments;  
cd Assignments
```

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git init  
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git add .  
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git commit -m 'Initial commit to  
repo'  
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git push ASEN4057 master
```

II.

I, (Torfinn Johnsrud) am Member #1.

1.

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git checkout -b  
Current_Assignment
```

2.

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ mkdir Assignment_4; cd  
Assignment_4; mkdir Part_3; cd Part_3
```

3.

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments/Assignment_4/Part_3$ touch  
README.md
```

I then edited using the nano editor.

4.

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git add .  
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git commit -m 'Added Readme  
to Assignment 4'  
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git push ASEN4057  
Current_Assignment
```

5-7 Member #2 is cloning my repository, editing the readme, and pushing it back to my repo. This then changes my repo for when I try to pull from it in step 10.

8.

Edited the readme file without pulling it from the repo first.

9.

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git add .
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git commit -m 'Edited readme'
```

10.

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Assignments$ git pull ASEN4057 master
Username for 'https://github.com': johnsrudtf
Password for 'https://johnsrudtf@github.com':
From https://github.com/Aerospace-Software/Johnsrud
* branch      master    -> FETCH_HEAD
   8065de8..5e98b24 master -> ASEN4057/master
Updating 8065de8..5e98b24
Fast-forward
 Assignment_4/Part_3/README.md | 4 +++++
 1 file changed, 4 insertions(+)
 create mode 100644 Assignment_4/Part_3/README.md
```

The errors arise when pulling because the github repository is not the same as my local repository. There are differences that I must resolve before it can be pulled onto my local repo.

11.

I opened the readme file in my editor and removed the >>>> and ==== markers. I allowed for both changes to be saved, my edit and member #2's edit. Then I git add . and git commit to my local repository and push the branch to my github repo.

12-14 Member #2 is pulling my repo and merging the Current_Assignment branch to the master branch and pushing it back to my repo.

III.

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057$ git clone
https://github.com/Aerospace-Software/Shared.git
```

```
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Shared$ git pull origin master
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Shared$ git add .
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Shared$ git commit -m 'Added name'
torfinn@torfinn-laptop:~/Documents/ASEN_4057/Shared$ git push origin master
```