

Member #2 - Abraham Jaet

```

ASEN4057 CANDLER
tyca6175@asen4057:~$ cd CANDLER
tyca6175@asen4057:~/CANDLER$ ls
Assignments README.md
tyca6175@asen4057:~/CANDLER$ cd Assignment
-bash: cd: Assignment: No such file or directory
tyca6175@asen4057:~/CANDLER$ ls
Assignments README.md
tyca6175@asen4057:~/CANDLER$ cd Assignments
tyca6175@asen4057:~/CANDLER/Assignments$ ls
Assignment_1 Assignment_2 Assignment_3 Assignment_4
tyca6175@asen4057:~/CANDLER/Assignments$ mkdir CURRENT_ASSIGNMENT
tyca6175@asen4057:~/CANDLER/Assignments$ ls
Assignment_1 Assignment_2 Assignment_3 Assignment_4 CURRENT_ASSIGNMENT
tyca6175@asen4057:~/CANDLER/Assignments$ cd CURRENT_ASSIGNMENT
tyca6175@asen4057:~/CANDLER/Assignments/CURRENT_ASSIGNMENT$ ls
tyca6175@asen4057:~/CANDLER/Assignments/CURRENT_ASSIGNMENT$ cat > README.txt

```

```
tyca6175@asen4057:~/CANDLER$ git checkout -b CURRENT_ASSIGNMENT
Switched to a new branch 'CURRENT_ASSIGNMENT'
```

```
Member #1 of Group #1 edited this file
```

All

Editing new text file

5 & 6

```
Your branch is ahead of 'origin/CURRENT_ASSIGNMENT' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ cat README.txt
Member #1 of Group #1 edited this file
Member #2 of Group #1 edited this file
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ git add README.txt
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ git status
On branch Current_Assignment
Your branch is ahead of 'origin/CURRENT_ASSIGNMENT' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ git commit
On branch Current_Assignment
Your branch is ahead of 'origin/CURRENT_ASSIGNMENT' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ git commit -m
error: switch `m' requires a value
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ git commit -m "whatever"
On branch Current_Assignment
Your branch is ahead of 'origin/CURRENT_ASSIGNMENT' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ git push
fatal: The upstream branch of your current branch does not match
the name of your current branch. To push to the upstream branch
on the remote, use

    git push origin HEAD:CURRENT_ASSIGNMENT

To push to the branch of the same name on the remote, use

    git push origin HEAD

To choose either option permanently, see push.default in 'git help config'.
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ git push origin HEAD:CURRENT_ASSIGNMENT
Username for 'https://github.com': abrahamjaet
Password for 'https://abrahamjaet@github.com':
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 450 bytes | 450.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Aerospace-Software/Candler.git
 49f6381..09c9c1b HEAD -> CURRENT_ASSIGNMENT
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ █
```

Here is shown MEMBER #2 cloning the repo and editing the text file and pushing back to the current assignments branch. Big issues trying to push to current assignments branch instead of the main branch. Solution is also shown in image above.

```
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ ls
README.txt
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ cat README.txt
Member #1 of Group #1 edited this file
Member #2 of Group #1 edited this file
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ █
```

An error arises when trying to push the document because versions are different, and permissions aren't correct for Member #1 to pull these changes

```
git push --set-upstream origin CURRENT_ASSIGNMENT

tyca6175@asen4057:~/CANDLER/Assignments/CURRENT_ASSIGNMENT$ git pull
Username for 'https://github.com': tylercandler
Password for 'https://tylercandler@github.com':
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 1), reused 5 (delta 1), pack-reused 0
Unpacking objects: 100% (5/5), 430 bytes | 430.00 KiB/s, done.
From https://github.com/Aerospace-Software/Candler
   49f6381..09c9c1b  CURRENT_ASSIGNMENT -> origin/CURRENT_ASSIGNMENT
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

git branch --set-upstream-to=origin/<branch> CURRENT_ASSIGNMENT

tyca6175@asen4057:~/CANDLER/Assignments/CURRENT_ASSIGNMENT$
```

```
Please make sure you have the correct access rights
and the repository exists.
tyca6175@asen4057:~/CANDLER/Assignments/CURRENT_ASSIGNMENT$
```

```
tyca6175@asen4057:~/CANDLER$ git pull https://github.com/tylercandler/Candler.git
t CURRENT_ASSIGNMENT
Username for 'https://github.com': tylercandler
Password for 'https://tylercandler@github.com':
remote: Repository not found.
fatal: repository 'https://github.com/tylercandler/Candler.git/' not found
tyca6175@asen4057:~/CANDLER$ git pull https://github.com:Aerospace-Software/Candler.git CURRENT_ASSIGNMENT
fatal: unable to access 'https://github.com:Aerospace-Software/Candler.git/': URL using bad/illegal format or missing URL
tyca6175@asen4057:~/CANDLER$ git pull https://github.com/Aerospace-Software/Candler.git CURRENT_ASSIGNMENT
Username for 'https://github.com': tylercandler
Password for 'https://tylercandler@github.com':
From https://github.com/Aerospace-Software/Candler
 * branch          CURRENT_ASSIGNMENT -> FETCH_HEAD
Auto-merging Assignments/CURRENT_ASSIGNMENT/README.txt
CONFLICT (content): Merge conflict in Assignments/CURRENT_ASSIGNMENT/README.txt
Automatic merge failed; fix conflicts and then commit the result.
tyca6175@asen4057:~/CANDLER$
```

An error also arises regarding conflict issues between the files

Pulling files

Editing the text file for the 3rd time

Pushing the updated file after adding and committing

```

09c9c1b..24e8f29  CURRENT_ASSIGNMENT -> origin/CURRENT_ASSIGNMENT
eb1e6ce..659cbfa  main -> origin/main
Updating 09c9c1b..24e8f29
Fast-forward
 .../Assignment_4/Part_2/Submission/ASEN_4057_HW_4_PT1.pdf | Bin 0 -> 8418764 bytes
 .../Assignment_4/Part_3/Submission/ASEN4057_HW4_Part2.pdf | Bin 0 -> 820605 bytes
 Assignments/CURRENT_ASSIGNMENT/README.txt                | 1 +
 README.md                                                  | 2 +-
 Shared                                                     | 1 +
5 files changed, 3 insertions(+), 1 deletion(-)
create mode 100644 Assignments/Assignment_4/Part_2/Submission/ASEN_4057_HW_4_PT1.pdf
create mode 100644 Assignments/Assignment_4/Part_3/Submission/ASEN4057_HW4_Part2.pdf
create mode 160000 Shared
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ ls
README.txt
[abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ cat README.txt
Member #1 of Group #1 edited this file
Member #2 of Group #1 edited this file
Member #1 edited this file again
abja4680@asen4057:~/JAET/Candler/Assignments/CURRENT_ASSIGNMENT$ █

```

Merging the CURRENT_ASSIGNMENT branch into main

```

tyca6175@asen4057:~/CANDLER/Assignments/CURRENT_ASSIGNMENT$ git merge CURRENT_A
SIGNMENT
Already up to date.
tyca6175@asen4057:~/CANDLER/Assignments/CURRENT_ASSIGNMENT$ git push
Username for 'https://github.com': tylercandler
Password for 'https://tylercandler@github.com':
Enumerating objects: 64, done.
Counting objects: 100% (58/58), done.
Delta compression using up to 4 threads
Compressing objects: 100% (36/36), done.
Writing objects: 100% (44/44), 4.11 KiB | 2.05 MiB/s, done.
Total 44 (delta 15), reused 0 (delta 0)
remote: Resolving deltas: 100% (15/15), completed with 4 local objects.
To https://github.com/Aerospace-Software/Candler.git
 f55d7f1..3ala64c  main -> main
tyca6175@asen4057:~/CANDLER/Assignments/CURRENT_ASSIGNMENTS █

```

```

abja4680@asen4057:~/JAET/Candler$ git merge Current_Assignment
Already up to date.
abja4680@asen4057:~/JAET/Candler$ git branch
  Current_Assignment
* main
abja4680@asen4057:~/JAET/Candler$ git status
On branch main
Your branch and 'origin/main' have diverged,
and have 8 and 4 different commits each, respectively.
  (use "git pull" to merge the remote branch into yours)

nothing to commit, working tree clean
abja4680@asen4057:~/JAET/Candler$ git pull
Username for 'https://github.com': abrahamjaet
Password for 'https://abrahamjaet@github.com':
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
remote: Please see https://github.blog/2020-12-15-token-authentication-requirements-for-git-operations/ for more information.
fatal: Authentication failed for 'https://github.com/Aerospace-Software/Candler.git/'
abja4680@asen4057:~/JAET/Candler$ git pull
Username for 'https://github.com': abrahamjaet
Password for 'https://abrahamjaet@github.com':
remote: Enumerating objects: 35, done.
remote: Counting objects: 100% (32/32), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 20 (delta 6), reused 12 (delta 3), pack-reused 0
Unpacking objects: 100% (20/20), 2.81 KiB | 959.00 KiB/s, done.
From https://github.com/Aerospace-Software/Candler
   659cbfa..3a1a64c  main    -> origin/main
Removing Assignments/Assignment_4/Part_3/Submission/ASEN4057_HW4_Part2.pdf
Removing Assignments/Assignment_4/Part_2/Submission/ASEN4057_HW4_PT1.pdf
Merge made by the 'recursive' strategy.
Assignments/Assignment_2/Part_1/Submission/HW #2 Part 2 Write up.docx | Bin 0 -> 6847 bytes
Assignments/Assignment_2/Part_2/Submission/FlowChartFinal.png         | Bin 0 -> 23242 bytes
Assignments/Assignment_2/Part_2/Submission/HW #2 Part 1 Write up.docx | Bin 0 -> 6640 bytes
Assignments/Assignment_4/Part_2/Submission/ASEN4057_HW4_PT1.pdf       | Bin 8418764 -> 0 bytes
Assignments/Assignment_4/Part_3/Submission/ASEN4057_HW4_Part2.pdf     | Bin 820605 -> 0 bytes
Assignments/CURRENT_ASSIGNMENT/README.txt                             | 5 +++++
6 files changed, 5 insertions(+)
create mode 100644 Assignments/Assignment_2/Part_1/Submission/HW #2 Part 2 Write up.docx
create mode 100644 Assignments/Assignment_2/Part_2/Submission/FlowChartFinal.png
create mode 100644 Assignments/Assignment_2/Part_2/Submission/HW #2 Part 1 Write up.docx
delete mode 100644 Assignments/Assignment_4/Part_2/Submission/ASEN4057_HW4_PT1.pdf
delete mode 100644 Assignments/Assignment_4/Part_3/Submission/ASEN4057_HW4_Part2.pdf
abja4680@asen4057:~/JAET/Candler$ git status

```