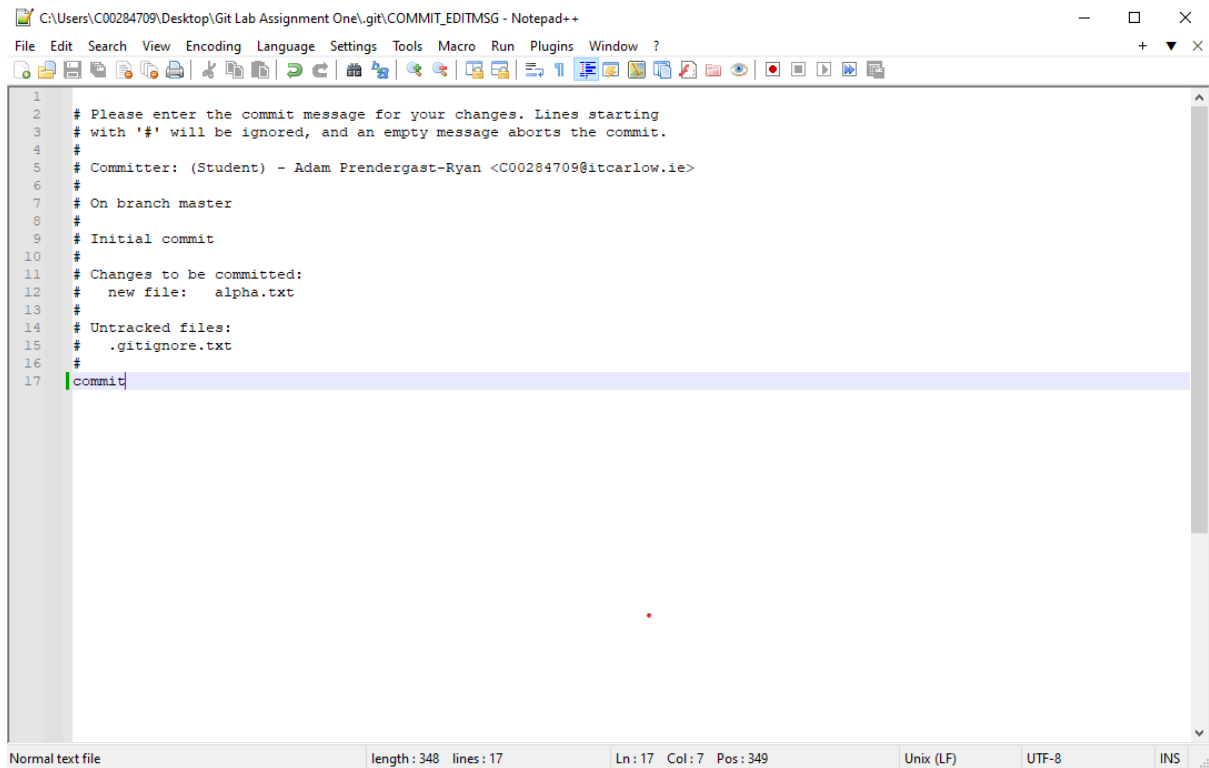


Adam Prendergast-Ryan GitHub Lab Assignment 1



A screenshot of a Notepad++ window titled "C:\Users\C00284709\Desktop\Git Lab Assignment One\.git\COMMIT_EDITMSG - Notepad++". The window displays a Git commit message template with the following content:

```
1
2 # Please enter the commit message for your changes. Lines starting
3 # with '#' will be ignored, and an empty message aborts the commit.
4 #
5 # Committer: (Student) - Adam Prendergast-Ryan <C00284709@itcarlow.ie>
6 #
7 # On branch master
8 #
9 # Initial commit
10 #
11 # Changes to be committed:
12 #   new file:   alpha.txt
13 #
14 # Untracked files:
15 #   .gitignore.txt
16 #
17 |commit|
```

The status bar at the bottom indicates "Normal text file", "length: 348 lines: 17", "Ln: 17 Col: 7 Pos: 349", "Unix (LF)", "UTF-8", and "INS".

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git init
Reinitialized existing Git repository in C:/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One/.git/

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git branch
* master

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git branch side

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

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

```

On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore.txt
        Assignment-One/
        beta.txt

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

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git add beta.txt

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   beta.txt

```

```

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git log
commit 623ec231bdf83b1ad49399c1f41d548b56f05f4 (HEAD -> master)
Author: (Student) - Adam Prendergast-Ryan <C00284709@itcarlow.ie>
Date:   Fri Oct 21 09:49:40 2022 +0100

    commit

commit e256a1bd6f87323398896829c7e13b19fe98bc7e (origin/master, side, new_branch)
Author: (Student) - Adam Prendergast-Ryan <C00284709@itcarlow.ie>
Date:   Fri Oct 21 09:26:30 2022 +0100

    commit

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ |

```

```

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git checkout
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git push origin
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 262 bytes | 262.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Adam-Prendergast-Ryan/Assignment-One
    e256a1b..623ec23  master -> master

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ |

```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git add Assignment-One/
warning: adding embedded git repository: Assignment-One
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> Assignment-One
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint:   git rm --cached Assignment-One
hint:
hint: See "git help submodule" for more information.
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git remote add origin2 https://github.com/github/gitignore

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git pull origin2
remote: Enumerating objects: 9734, done.
remote: Total 9734 (delta 0), reused 0 (delta 0), pack-reused 9734
Receiving objects: 100% (9734/9734), 2.30 MiB | 11.96 MiB/s, done.
Resolving deltas: 100% (5294/5294), done.
From https://github.com/github/gitignore
* [new branch]      add-metadata      -> origin2/add-metadata
* [new branch]      annotating-visualstudio -> origin2/annotating-visualstudio
* [new branch]      ghfw              -> origin2/ghfw
* [new branch]      main              -> origin2/main
* [new branch]      old-ghfw          -> origin2/old-ghfw
* [new branch]      reduce-noise      -> origin2/reduce-noise
* [new branch]      rmw-universe       -> origin2/rmw-universe
* [new branch]      rmw-universe-2022 -> origin2/rmw-universe-2022
You asked to pull from the remote 'origin2', but did not specify
a branch. Because this is not the default configured remote
for your current branch, you must specify a branch on the command line.
```

```
script.txt - Notepad
File Edit Format View Help
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)
$ git init
Initialized empty Git repository in C:/Users/C00284709/Desktop/Git Lab Assignment One/.git/

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)
$ git status
On branch master

No commits yet

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

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

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)
$ git add alpha.txt

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   alpha.txt

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

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)
$ git commit alpha.txt
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git push origin
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 303 bytes | 303.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Adam-Prendergast-Ryan/Assignment-One
623ec23..dfbc33b master -> master
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
$ git commit script.txt
[master 419ee93] commit
Committer: (Student) - Adam Prendergast-Ryan <C00284709@itcarlow.ie>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 script.txt
```

Git commands

1. Init: Initialize repository in local directory
2. Add: Add an untracked file to staging phase
3. Status: check status of the repository
4. Commit: commit a staging file to the repository
5. Remote: Allow you to work on GitHub repositories from your local drive
6. Push: Add changes from your local drive to your GitHub repository
7. Branch: Create a new branch from the master on the repository
8. Checkout: Make current node the head node
9. Merge: Merge branches to the master branch
10. Log: Display entire commit history

Script

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)
```

```
$ git init
```

```
Initialized empty Git repository in C:/Users/C00284709/Desktop/Git Lab Assignment One/.git/
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)
```

```
$ git status
```

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore.txt

alpha.txt

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

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)

\$ git add alpha.txt

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)

\$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: alpha.txt

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore.txt

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)

\$ git commit alpha.txt

Aborting commit due to empty commit message.

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)

```
$ git commit alpha.txt
```

```
[master (root-commit) e256a1b] commit
```

Committer: (Student) - Adam Prendergast-Ryan <C00284709@itcarlow.ie>

Your name and email address were configured automatically based on your username and hostname. Please check that they are accurate. You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 alpha.txt

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)

```
$ ^C
```

Display all 3258 possibilities? (y or n)

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Git Lab Assignment One (master)

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git init
```

Reinitialized existing Git repository in C:/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One/.git/

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git branch
```

```
* master
```

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git branch side
```

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git status
```

On branch master

Your branch is up to date with 'origin/master'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore.txt

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

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git branch new_branch
```

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git branch -a
```

```
* master
```

```
new_branch
```

```
side
```

```
remotes/origin/master
```

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git merge master
```

Already up to date.

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ new_branch
```

bash: new_branch: command not found

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git status
```

On branch master

Your branch is up to date with 'origin/master'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore.txt

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

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git commit new_branch
```

error: pathspec 'new_branch' did not match any file(s) known to git

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git clone https://github.com/Adam-Prendergast-Ryan/Assignment-One
```

Cloning into 'Assignment-One'...

remote: Enumerating objects: 6, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0

Receiving objects: 100% (6/6), done.

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

\$ git push origin

Everything up-to-date

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

\$ git status

On branch master

Your branch is up to date with 'origin/master'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore.txt

Assignment-One/

beta.txt

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

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

\$ git add beta.txt

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

\$ git status

On branch master

Your branch is up to date with 'origin/master'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: beta.txt

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore.txt

Assignment-One/

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

\$ git commit beta.txt

[master 623ec23] commit

Committer: (Student) - Adam Prendergast-Ryan <C00284709@itcarlow.ie>

Your name and email address were configured automatically based on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 beta.txt

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

\$ git add Assignment-One/

warning: adding embedded git repository: Assignment-One

hint: You've added another git repository inside your current repository.

hint: Clones of the outer repository will not contain the contents of

hint: the embedded repository and will not know how to obtain it.

hint: If you meant to add a submodule, use:

hint:

hint: git submodule add <url> Assignment-One

hint:

hint: If you added this path by mistake, you can remove it from the

hint: index with:

hint:

hint: git rm --cached Assignment-One

hint:

hint: See "git help submodule" for more information.

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

\$ git status

On branch master

Your branch is up to date with 'origin/master'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: Assignment-One

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore.txt

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git commit Assignment-One
```

```
[master dfbc33b] commit
```

Committer: (Student) - Adam Prendergast-Ryan <C00284709@itcarlow.ie>

Your name and email address were configured automatically based on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

1 file changed, 1 insertion(+)

create mode 160000 Assignment-One

C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)

```
$ git remote add origin2 https://github.com/github/gitignore
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab Assignment One (master)
```

```
$ git pull origin2
```

```
remote: Enumerating objects: 9734, done.
```

```
remote: Total 9734 (delta 0), reused 0 (delta 0), pack-reused 9734
```

```
Receiving objects: 100% (9734/9734), 2.30 MiB | 11.96 MiB/s, done.
```

```
Resolving deltas: 100% (5294/5294), done.
```

```
From https://github.com/github/gitignore
```

* [new branch]	add-metadata	-> origin2/add-metadata
* [new branch]	annotating-visualstudio	-> origin2/annotating-visualstudio
* [new branch]	ghfw	-> origin2/ghfw
* [new branch]	main	-> origin2/main
* [new branch]	old-ghfw	-> origin2/old-ghfw
* [new branch]	reduce-noise	-> origin2/reduce-noise
* [new branch]	rmw-universe	-> origin2/rmw-universe
* [new branch]	rmw-universe-2022	-> origin2/rmw-universe-2022

You asked to pull from the remote 'origin2', but did not specify a branch. Because this is not the default configured remote for your current branch, you must specify a branch on the command line.

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab
Assignment One (master)
$ git pull origin2 main
From https://github.com/github/gitignore
* branch          main          -> FETCH_HEAD
fatal: refusing to merge unrelated histories
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab
Assignment One (master)
$ git push origin
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 303 bytes | 303.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Adam-Prendergast-Ryan/Assignment-One
623ec23..dfbc33b master -> master
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab
Assignment One (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.
```

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

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

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab
Assignment One (master)
$ git add script.txt
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab
Assignment One (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.
```

```
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file:   script.txt
```

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

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab
Assignment One (master)
$ git commit script.txt
[master 419ee93] commit
Committer: (Student) - Adam Prendergast-Ryan <C00284709@itcarlow.ie>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
```

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 script.txt
```

```
C00284709@A200C007 MINGW64 /c/Users/C00284709/Desktop/Adam P Ryan Git Lab
Assignment One (master)
$ git push origin
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
```

Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 279 bytes | 279.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To <https://github.com/Adam-Prendergast-Ryan/Assignment-One>
dfbc33b..419ee93 master -> master