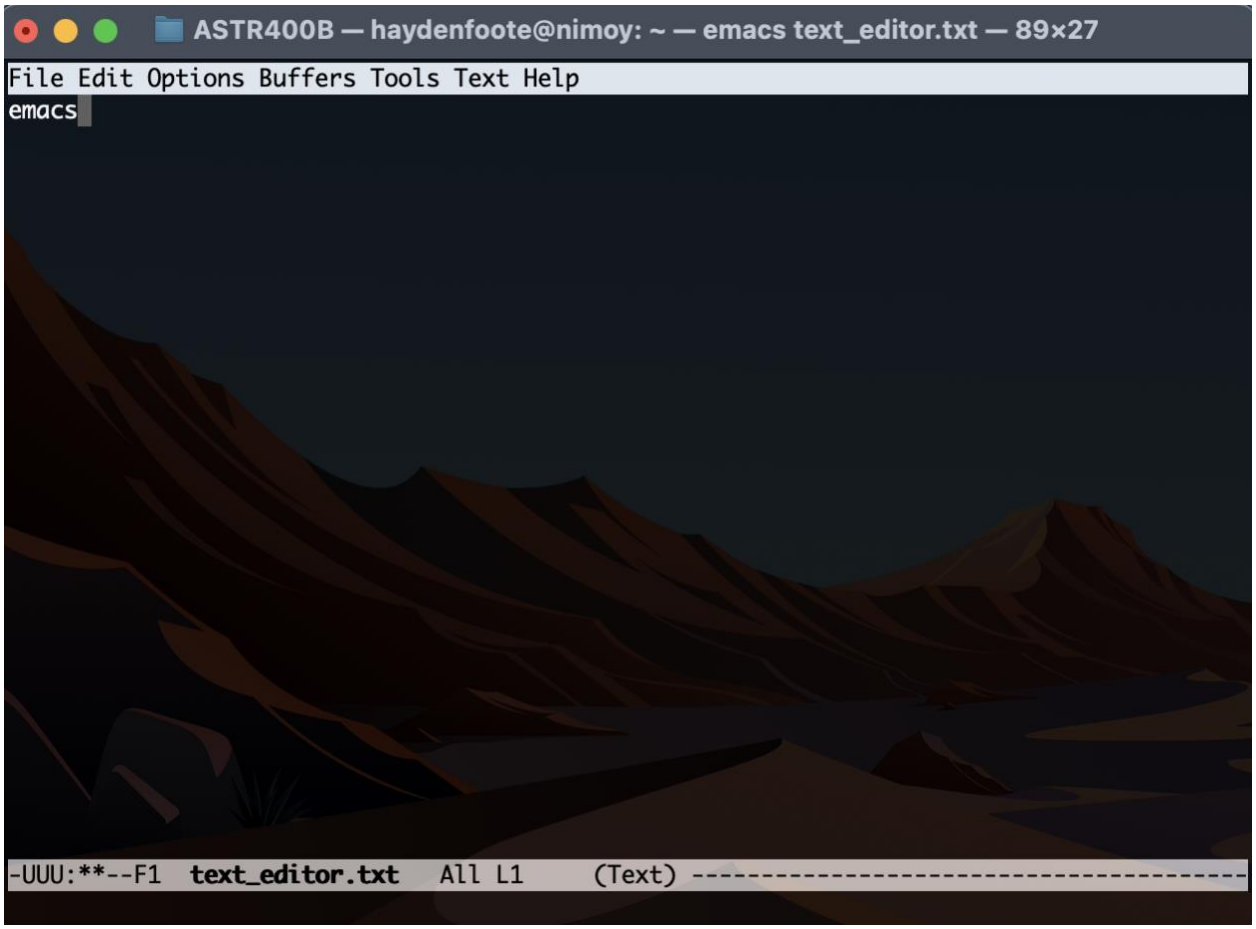
1) **Exercise 1: use a text editor to create a file called text_editor.txt, type the name of the editor you're using into the file, then save it.**

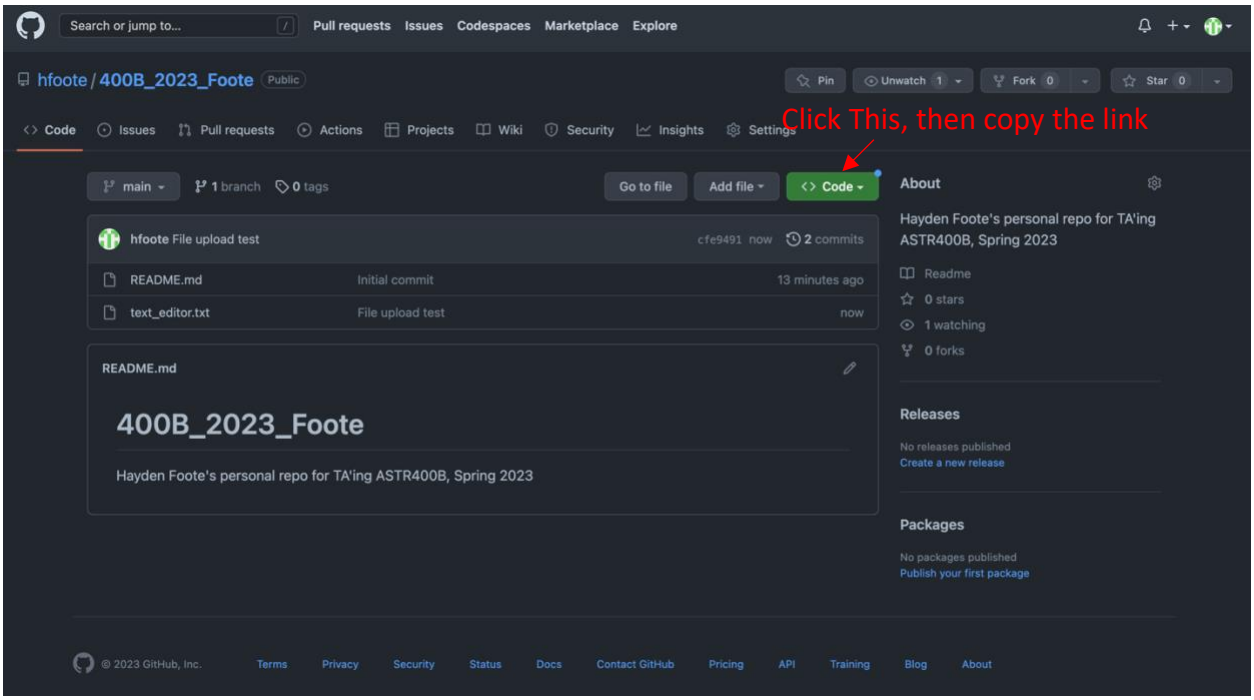
Using emacs, type emacs text_editor.txt then type "emacs" into the buffer:



Type C-x C-c, then "y" to save and exit.

2) **Exercise 2: Try git from the command line**

a) **Use git clone to clone your homework repository from GitHub onto your computer.**



In your terminal, navigate to where you want your homework repo, then type

git clone https://github.com/hfoote/400B_2023_Foote.git

(but use your link, not mine!)

Enter your credentials if prompted, you should get something like this:

```
(base) haydenfoote@Haydens-MacBook-Pro ASTR400B % git clone https://github.com/hfoote/400B_2023_Foote.git
Cloning into '400B_2023_Foote'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
(base) haydenfoote@Haydens-MacBook-Pro ASTR400B %
```

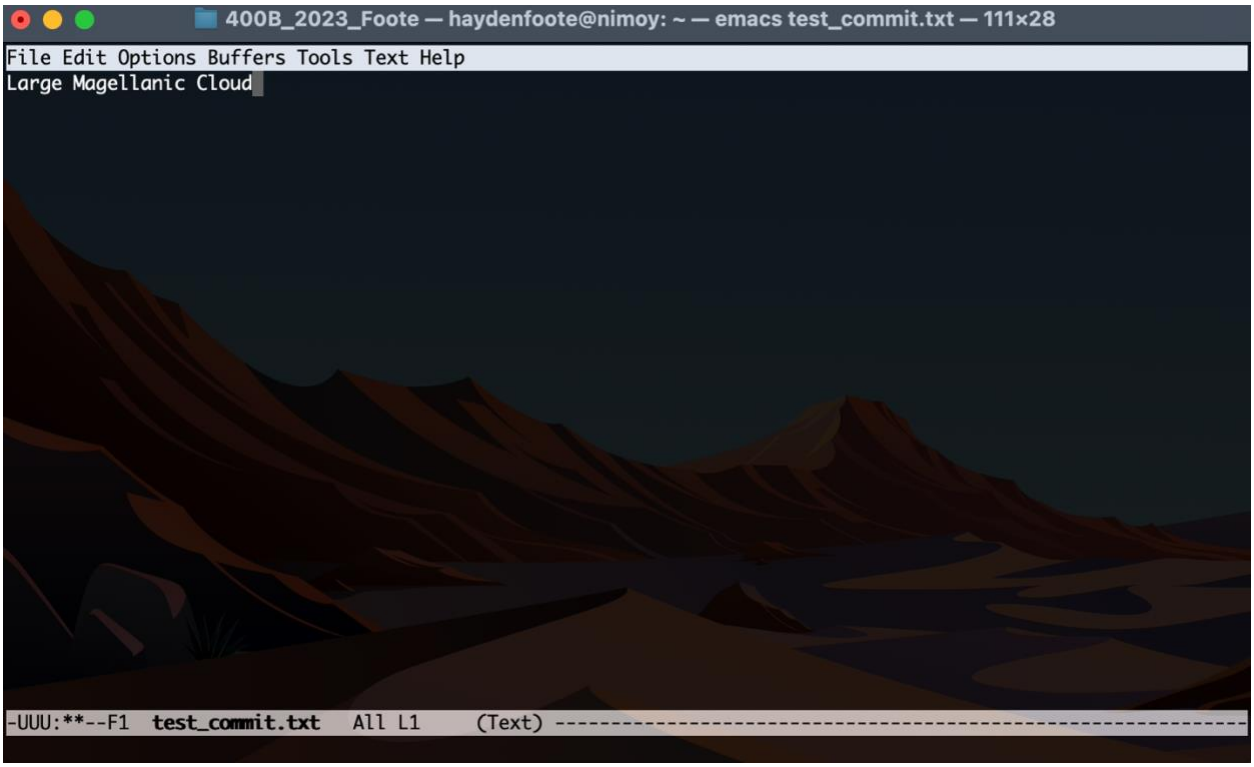
b) **Using mkdir, make a directory in your homework repo called Lecture3**

```
(base) haydenfoote@Haydens-MacBook-Pro ASTR400B % cd 400B_2023_Foote
(base) haydenfoote@Haydens-MacBook-Pro 400B_2023_Foote % mkdir Lecture3
(base) haydenfoote@Haydens-MacBook-Pro 400B_2023_Foote %
```

c) **In your Lecture3 directory, use your favorite text editor to make a file called test_commit.txt**

```
(base) haydenfoote@Haydens-MacBook-Pro 400B_2023_Foote % cd Lecture3
(base) haydenfoote@Haydens-MacBook-Pro Lecture3 % emacs test_commit.txt
```

d) In this file, type the name of your favorite astronomical object, then save it.



For emacs, type C-x C-c to exit, and press “y” to save when prompted.

e) Move the text_editor.txt file we created earlier into the Lecture3 directory.

```
(base) haydenfoote@Haydens-MacBook-Pro Lecture3 % git mv ../text_editor.txt ./
(base) haydenfoote@Haydens-MacBook-Pro Lecture3 %
```

f) Use git add to start tracking changes to both of the text files.

Using wildcards to add everything in the directory at once:

```
(base) haydenfoote@Haydens-MacBook-Pro Lecture3 % cd ../
(base) haydenfoote@Haydens-MacBook-Pro 400B_2023_Foote % git add Lecture3/*
```

g) Use git commit to commit your new files to your local repo

```
(base) haydenfoote@Haydens-MacBook-Pro 400B_2023_Foote % git commit -m "first commit from laptop with two test files"
[main c889d07] first commit from laptop with two test files
 2 files changed, 2 insertions(+)
 create mode 100644 Lecture3/test_commit.txt
 create mode 100644 Lecture3/text_editor.txt
(base) haydenfoote@Haydens-MacBook-Pro 400B_2023_Foote %
```

h) Type git push to push your changes to your remote repo on GitHub

```
(base) haydenfoote@Haydens-MacBook-Pro 400B_2023_Foote % 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% (4/4), 450 bytes | 450.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/hfoote/400B_2023_Foote.git
   cfe9491..c889d07  main -> main
(base) haydenfoote@Haydens-MacBook-Pro 400B_2023_Foote %
```

i) Go to your repository on GitHub, you should see the Lecture3 directory with both test_commit.txt and text_editor.txt. You might have to refresh the page.