1. Git add .
   Git commit -m ""
   Git push origin main
2. Git add selects changes for saving
   Git commit documents changes
   Git push saves changes to directory
3. The staging area is where changes are stored in preparation for saving
4. It means that git is recording changes made within a directory
5. Files can exist locally (stored on a device) remotely (stored online). Saving local changes to github involves three steps, git add, git commit, and git push
6. I'm a little confused as to what "origin main" means in calling git push. Are there other variations of command? How are they different?
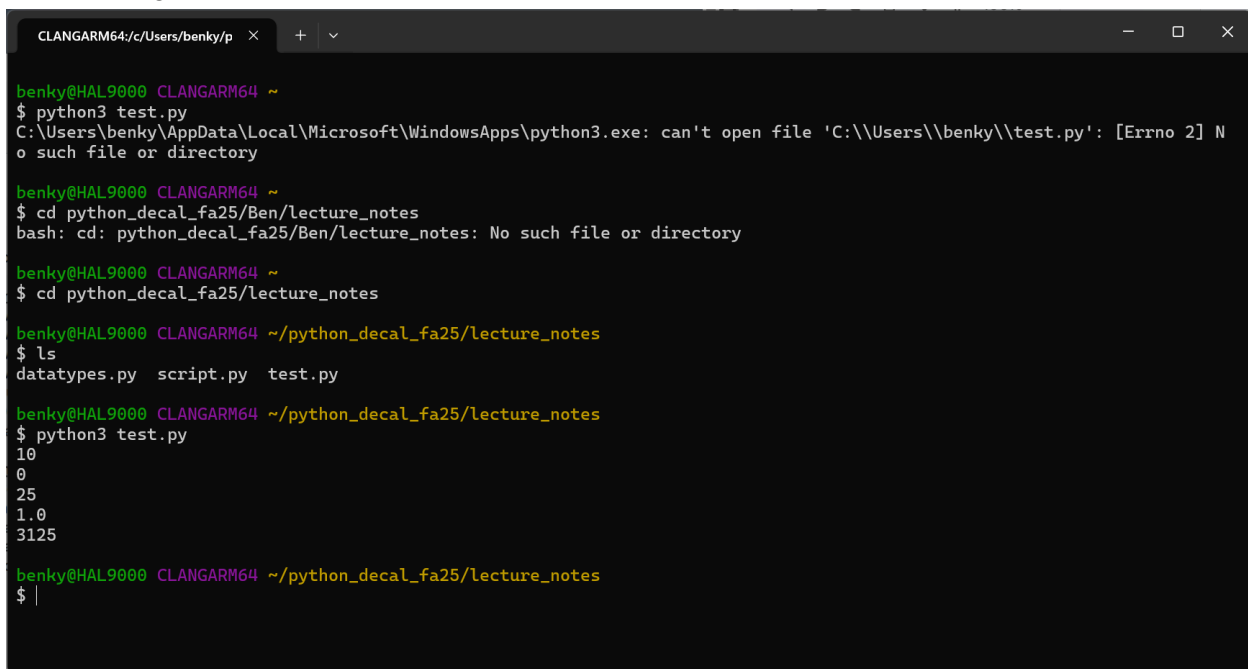
Cd python_decal_fa25/Ben
Nano test.py
print(5 + 5)
Git add test.py
Git commit -m "saving for engagement 3"
Git push origin main

```
CLANGARM64:/c/Users/benky/p    ×    +    ∨                                                    —   □   ×

benky@HAL9000 CLANGARM64 ~
$ python3 test.py
C:\Users\benky\AppData\Local\Microsoft\WindowsApps\python3.exe: can't open file 'C:\\Users\\benky\\test.py': [Errno 2] N
o such file or directory

benky@HAL9000 CLANGARM64 ~
$ cd python_decal_fa25/Ben/lecture_notes
bash: cd: python_decal_fa25/Ben/lecture_notes: No such file or directory

benky@HAL9000 CLANGARM64 ~
$ cd python_decal_fa25/lecture_notes

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/lecture_notes
$ ls
datatypes.py   script.py   test.py

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/lecture_notes
$ python3 test.py
10
0
25
1.0
3125

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/lecture_notes
$ |
```

```
benky@HAL9000 CLANGARM64 ~
$ cd python_decal_fa25/Ben/lecture_notes
bash: cd: python_decal_fa25/Ben/lecture_notes: No such file or directory

benky@HAL9000 CLANGARM64 ~
$ cd python_decal_fa25/lecture_notes

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/lecture_notes
$ ls
datatypes.py  script.py  test.py

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/lecture_notes
$ python3 test.py
10
0
25
1.0
3125

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/lecture_notes
$ cd ../Ben/

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/Ben (main)
$ git remote -v
origin  git@github.com:bkyvik/Ben.git (fetch)
origin  git@github.com:bkyvik/Ben.git (push)

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/Ben (main)
$
```