

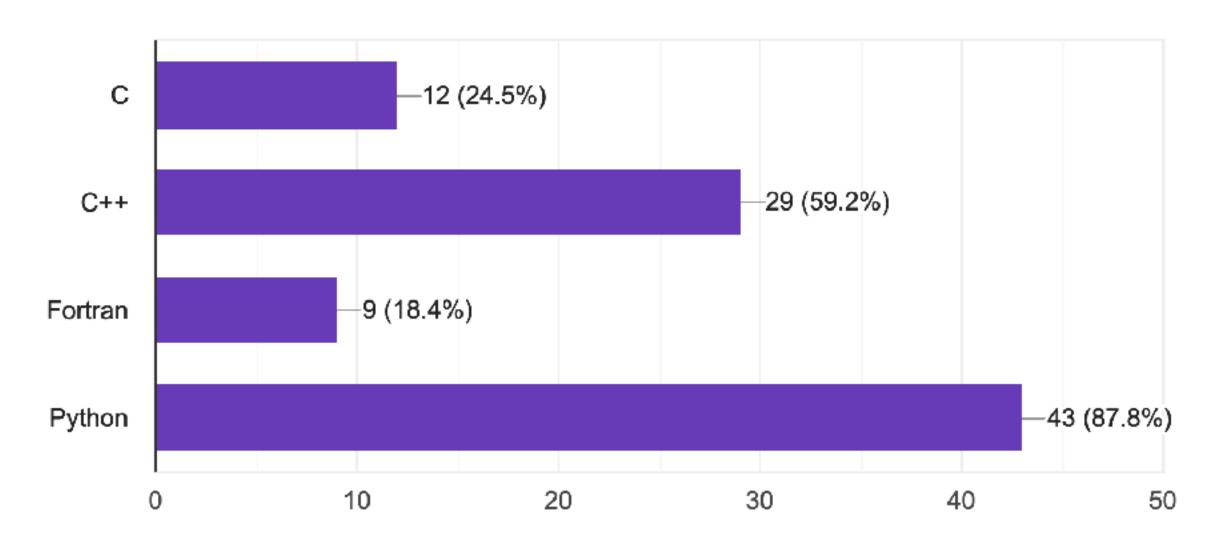


Survey Results Language proficiency

In which of the following computing languages are you proficient (multiple answers ok)?

49 responses

- Python is great! And will be useful for analysis and plotting
- But... compiled language is needed for this course
- Join the #leancpp channel and help each other out!



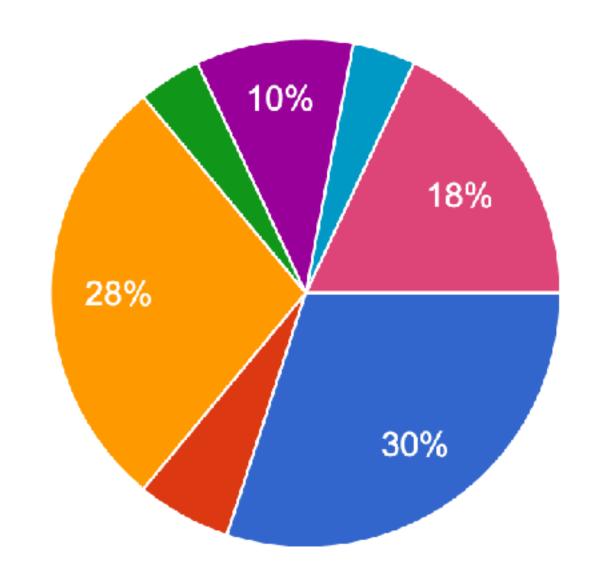
CMSE 822 - Parallel Computing http://cmse.msu.edu/cmse822 2



Survey Results Text Editor

What is your favorite text editor for coding?
50 responses

- A good text editor is key!
- Does not need to be a full IDE, but syntax highlighting and other basic coding features really help
- If you are thinking you need an upgrade, checkout VS Code (my current personal favorite)





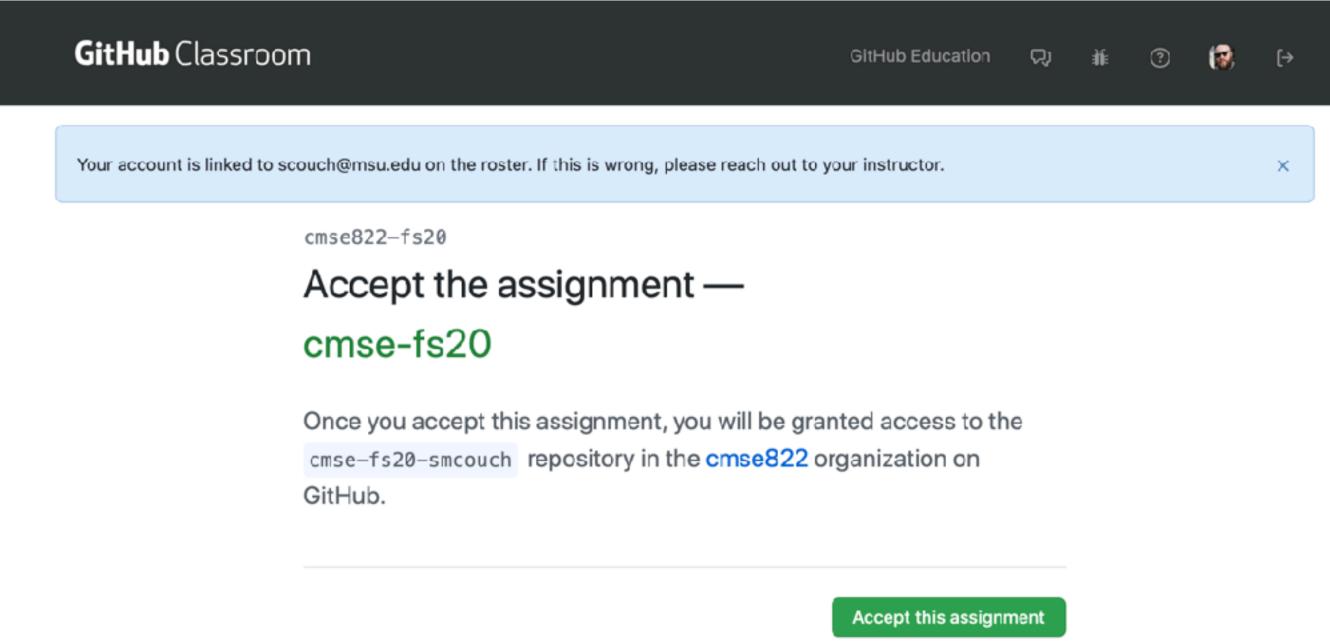


GitHub Classroom repo Accept assignment

Go to https://classroom.github.com/a/IMzs-w8d

 Find YOUR MSU email address. Do NOT click on someone else's!

Accept the assignment





Accept assignment

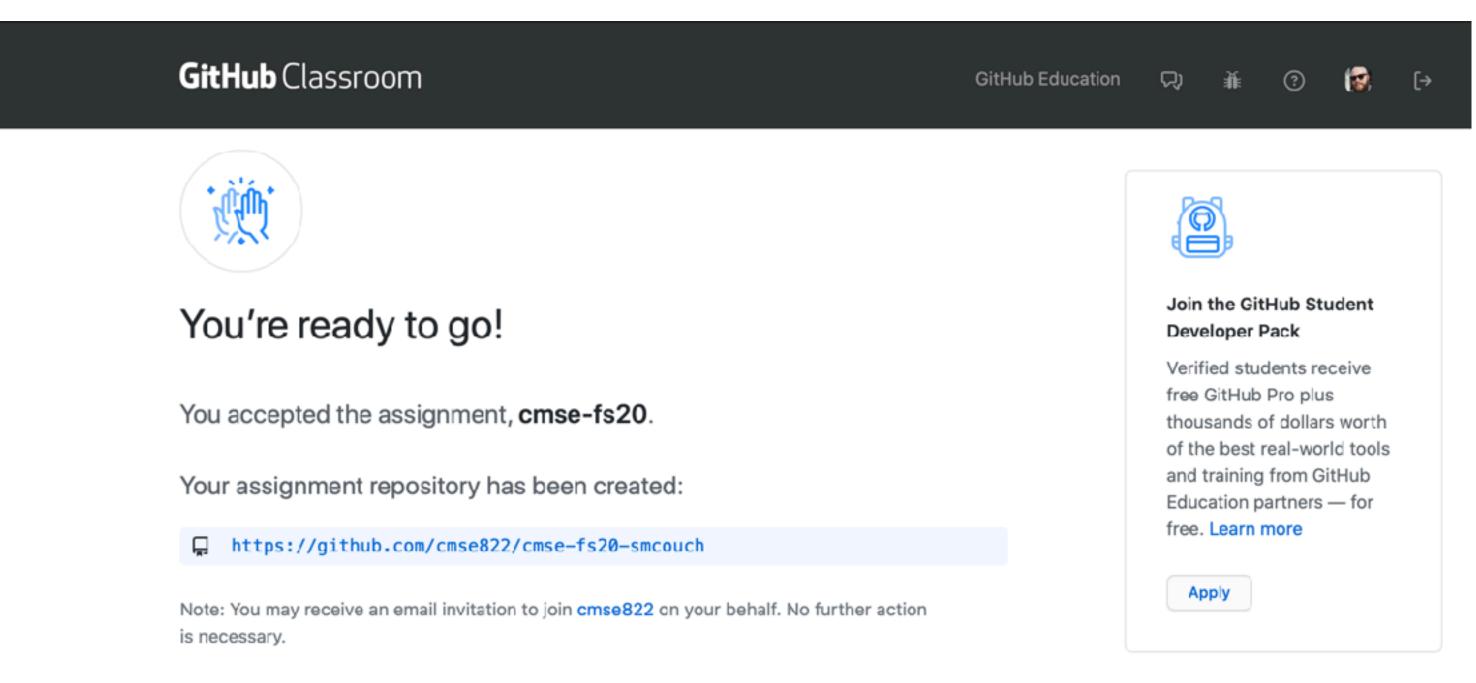
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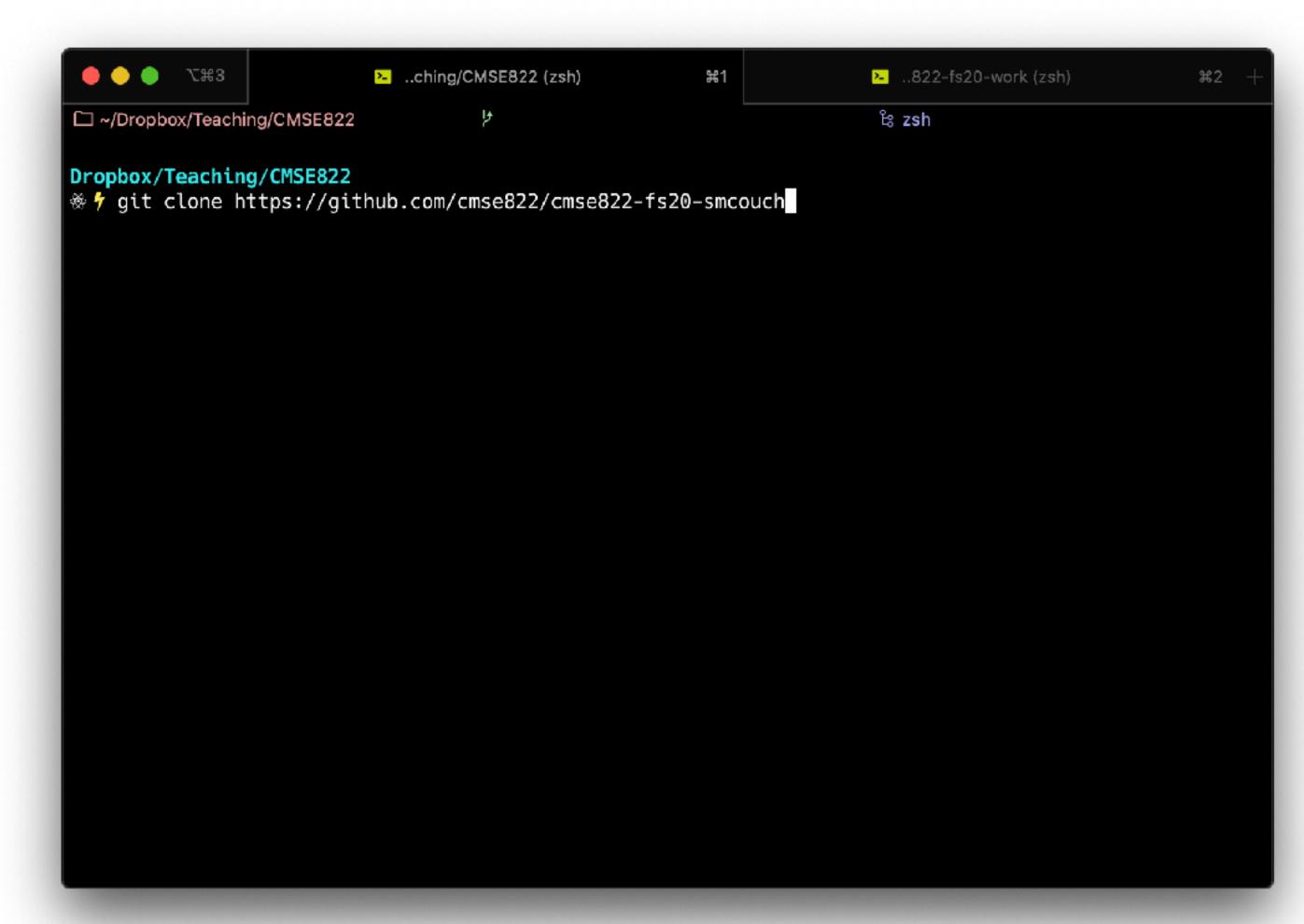
Should look like this:





GitHub Classroom repo Clone your repo

 In the directory where you wish to store your work for the class:





Add the 'work' repo as a remote

- From within your repo:
- The `work` repo will be used for pushing new assignments to you

```
£1
                           - ..-fs20-smcouch (zsh)
                                                                             - ~ (zsh)
                                                                                                     #2
 ~/D/T/CMSE822/cmse822-fs20-smcouch
                                                                        🕃 zsh
Dropbox/Teaching/CMSE822
👺 🗲 cd cmse822-fs20-smcouch
cmse822-fs20-smcouch on 7 master
器 🦩 lsl
cmse822-fs20-smcouch on a master

♦ f git remote add work https://github.com/cmse822/cmse822-fs20-work.git

cmse822-fs20-smcouch on | master
```



Pull from 'work' repo

- From within your repo:
- This should get you the first few PCAs and first Homework

```
- ..-fs20-smcouch (zsh)
                                                         ¥1
                                                                        >- ..822-fs20-work (zsh)
~/D/T/CMSE822/cmse822-fs20-smcouch
cmse822-fs20-smcouch on / master
🏶 🗲 git pull work master
From https://github.com/cmse822/cmse822-fs20-work
 * branch
                                 -> FETCH HEAD
                      master
cmse822-fs20-smcouch on / master
∰ 🦩 ls
LICENSE pca0
                pca1
cmse822-fs20-smcouch on / master
```



Push skeleton repo back to GitHub

- From within your repo:
- Don't forget to `commit` AND `push` your finished work! Otherwise, I can't see it!
- If you want to verify your work is pushed to GitHub, check the web interface.
- e.g., https://github.com/cmse822/cmse822-fs20-smcouch

```
..-fs20-smcouch (zsh)
                                                                     2 ..822-fs20-work (zsh)
                                                                     ឌៃ zsh
 ~/D/T/CMSE822/cmse822-fs20-smcouch
cmse822-fs20-smcouch on / master
∯∮ lsl
total 8
-rw-r--r-@ 1 smc staff 1.3K Sep 8 08:34 LICENSE
drwxr-xr-x@ 3 smc staff
                            96B Sep 8 08:34 pca0
drwxr-xr-x@ 3 smc staff
                         96B Sep 8 08:34 pca1
drwxr-xr-x@ 3 smc staff
                           96B Sep 8 08:34 pca2
drwxr-xr-x@ 4 smc staff
                           128B Sep 8 08:53 hw1
cmse822-fs20-smcouch on 7 master

♦ † git remote -vv

origin https://github.com/cmse822/cmse822-fs20-smcouch (fetch)
origin https://github.com/cmse822/cmse822-fs20-smcouch (push)
        https://github.com/cmse822/cmse822-fs20-work.git (fetch)
        https://github.com/cmse822/cmse822-fs20-work.git (push)
cmse822-fs20-smcouch on / master
∯∮ git push origin
Enumerating objects: 19, done.
Counting objects: 100% (19/19), done.
Delta compression using up to 16 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (19/19), 4.74 KiB | 4.74 MiB/s, done.
Total 19 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/cmse822/cmse822-fs20-smcouch
 * [new branch]
                 master -> master
cmse822-fs20-smcouch on | master took 3s
※ <del>7</del>
```



Breakout Time! Meet your group

- Get acquainted with your group
- What's your research area?
- What is your experience in HPC/parallel computing?
- What are you hoping to get out of this course?
- Strengths, weaknesses?
- Etc.?