**Welcome to SI Session 1!**

**SI Week 02 A**

Git Vocab Paper Race

Description: Several git vocab terms are taped up in different areas of the room. A definition/function of the term is said, and people must walk to whichever term they think is the answer. A random person is then called on to explain their choice. After going through the questions, the game changes. Now each student must go to a vocab word of their choice. I’ll go around the room asking each student to name one fact about that term and write it down in a google doc. This document is then sent to the people who request it on the sign-in sheet.

**List of definitions, facts, flags, parameters, uses ect.**

df

cd

ls

vi

cp

mkdir

mv

rm

cat & tail

clone

status

add

commit

push

log

**Paper Race Questions**

How do you move files to a new location?

mv

What command makes a new file?

vi & cp

How do you list the files in a directory?

ls

What command uses a -l flag to show more information?

ls

What is the MOST IMPORTANT command in the command line?

cd, open to debate though

How do you list your drives?

df

What command do you use to edit files?

vi

Follow up, how do you exit vi?

ESC + :x

How do you edit files in vi?

i

How do you copy files?

cp

Order?

from -> to

How do you make a new directory?

mkdir

How do you delete a file?

rm

Can you recover it after being deleted?

NO! Unless it is committed to Git (git restore)

How do you print lines of a file?

cat & tail

What’s the difference?

cat prints the whole file, while tail prints the last 10 lines

How do you list your files?

ls

How do you move files to the git staging area?

add

What flag adds all files?

.

What two commands have to do with the commit hash?

log & checkout

What are the three essential commands in the Git workflow?

add . -> commit -m -> push (also can git status)

What order are they in?

How do you check the git status of all files in your directory?

status

What color will untracked files be?

Red

Tracked but not staged files?

Red

Modified staged files?

Green

What git command goes back to a previous commit version (like loading an old save)?

checkout

What do you need to give it as a parameter?

commit hash

What git command adds a file to the local repository?

commit

What do you do after committing?

push!

What's a command you use while resolving a merge conflict?

pull -> vi to dd unneeded lines -> commit -> push

What command do you use to accept assignments on the class GitHub?

clone

What does this do?

Clones a remote repository

How do you view previous commits?

log

What does this show you?

Commit hash