

How to Use GitHub:

Github Commands:

cd: change directory and tells the Path where your files are located

git clone url for repo: clone the repo that you want on your laptop

Example: `git clone git@github.com:StevensDeptECE/cpe-390hw-jjohn9000.git`

git remote -v: shows any other files from github

ls: show a list of all the files on your laptop

git status: shows any changes you made

git add . / git add (filename) : adds every change you made

git commit -m "(write something here)": commits the changes you made and message is used to let others what you are working on

git log: shows you activity on that repo and the times you pushed or pulled

git push: push all your local changes to your repo online

How to set up the SSH (Dov K):

Make sure you do not download a zip file or else this will not work

I recommend deleting that zip file if you did download it

Set up an SSH password

This needs to be done at every computer you work at.

1. Open a command line
2. `ssh-keygen -t rsa`
3. When asked for the name of a file, hit enter.
4. Probably don't need a passphrase. Hit enter a couple times to opt out.

1. Click on your profile-icon in the top right and select settings
2. Click on SSH and GPG keys on the left
3. New SSH key, top right.
4. For name, write the name of your computer.

1. To send the contents of the file back to the service, back in the terminal, write `cat ~/.ssh/id_rsa.pub`
2. Copy the ssh key to the github page.

1. Add SSH

Github Set Up:

1. Go to Git bash
2. Type `cd ~/Desktop/`
3. Type `git clone url for repo`
4. Type `cd (name of the file that was just cloned/ This will go to the repo you want)`
 - a. Example `cd cpe-390hw-jjohn9000`
5. Type `git remote -v`
6. Type `ls`

7. Type git status
8. Type git add . or git add
9. Type git commit -m " "
 - a. If you forget to put a message use this:
 - i. Click i to put a message in
 - ii. Get out by clicking esc
 - iii. Then click shift zz
 - b. If you just want to exit the message system:
 - i. :q to get out if you committed without a comment
10. Type git log (show all changes) (q to exit)
11. Type git push

After first time setup:

1. Go to Git bash
2. Type cd (location of where your file is located)
3. Type git status
4. Type git add . or git add (filename)
5. Type git commit -m " "
 - a. If you forget to put a message use this:
 - i. Click i to put a message in
 - ii. Get out by clicking esc
 - iii. Then click shift zz
 - b. If you just want to exit the message system:
 - i. :q to get out if you committed without a comment
6. Type git log
7. Type git push