

Congratulations, you have finished your first homework assignment! It's time to submit. As you will soon find out, submitting homework 0 is almost as many steps as finishing homework 0 itself. The following steps will allow you to submit your homework, and can be used as a reference for future homeworks as well! (Note: there are many more detailed documents on the course website, <http://zoo.cs.yale.edu/classes/cs200>. This is the *bare minimum* for submission!)

Step 1: Copying files onto the Zoo

You have probably been working on the homework on your own personal computer, using python. But, you have to submit your work from the Zoo, which is separate from your computer! So, your files somehow need to get from your computer, to the Zoo. Here's how:

1. Figure out what folder your `hw0.py` and `response.pdf` files are in. For example, they might be in `Documents`, or in something like `Documents/CS200/homeworks`
2. Open Terminal (on Mac) -- if you've never used terminal before, you can find it by clicking the magnifying glass at the top right corner of the screen, and then typing "terminal". You can use the same terminal window for all of the steps on this document.
3. Using Unix commands, you'll need to go to the folder where your `hw0.py` file is! Let's pretend your `hw0.py` is in the folder `homeworks`, inside a folder called `CS200`, inside your `Documents` folder. The Unix command "cd" means change directory, and you'll have to call it once for each nested folder:
 - a. `cd Documents` (now you're in the `Documents` folder)
 - b. `cd CS200` (now you're in the `CS200` folder)
 - c. `cd homeworks` (now you're in the `homeworks` folder)
4. Here it is, the big command that will actually copy your homework to the Zoo! Replace `netid` with your netid, eg `h115`. The "`netid@node.zoo.cs.yale.edu`" part tells `scp` you want to copy your file to the Zoo computer system. The "`~/cs200`" refers to the folder on the Zoo where you want to copy your homework file:
 - a. `scp hw0.py netid@node.zoo.cs.yale.edu:~/cs200`
 - b. The system might ask you if you're sure you want to continue connecting. The answer is `yes`
 - c. It will also ask you for a password. This is the password that goes with your netid. NOTE that the characters will not show up as you type! Just type your password normally, and press enter when you're done
 - d. For homework 0, there's an extra file you need to copy, `response.pdf`. So, repeat the same command above, but replace "`hw0.py`" with "`response.pdf`". Also, if `response.pdf` is in a different folder from `hw0.py`, you'll need to repeat step 3 to get into that folder.

Step 2: Getting onto the Zoo

Great! Your files are now on the Zoo. But, you need to get on the Zoo yourself. Here's the command to do that:

```
ssh netid@node.zoo.cs.yale.edu
```

4b and 4c apply here as well!

Step 3: Submitting homework, from the Zoo

Now, you're on the Zoo! Only a few steps left.

1. Move to your `cs200` folder: `cd cs200`
2. Submit your homework files:

```
/home/classes/cs200/bin/submit 0 hw0.py response.pdf
```

- a. Note that for future homeworks, the 0 will become the homework number. So, for example, your homework 3 submission should look like this:

- b. `/home/classes/cs200/bin/submit 3 hw3.py`

You'll know the submission has worked if the terminal window says something like:

```
Copied hw0.py
```

```
Copied response.pdf
```

This is really enough, but if you want to be extra sure that your submission worked, you can use the `check` command (again, for later homeworks, replace 0 with the homework number):

```
/home/classes/cs200/bin/check 0
```

Good job, you have (finally) completed the homework submission process!