

Previous: UNIX >>>

**Today: Your Own Machine >>>**

Next stop: Control and Higher Order  
Functions

# Welcome to CS61A Lab 1 Sect. 29/47 :D

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OH: Tu, Th 4-5pm 411 Soda

# Anuncios

- ◉ Divide yourselves based on:
  - ◉ Windows user
  - ◉ Mac/Linux user
  - ◉ Already set up Python and did the lab
- ◉ Post-lab activities – Work together to build something cool!!!
  - ◉ Work with the Shakespeare data set
  - ◉ Write a program that gives you the current headlines
  - ◉ Write something that you see yourself using tonight

# Optional Section Homework

- This will be used to mark attendance for the next section for midterm recovery. Will help participation (but you can participate in other ways as well!)
- These should take at most 15 minutes, if you keep up with your reading.
- Submit with voice recording, email, paper, slideshow, however you want.
- Graded on effort, but use your time wisely. 10 minutes of BS < 10 minutes of *citing* the textbook
- Feel free to make your own questions!

# Optional Section Homework

1. How do names/assignment provide abstraction?
2. How does Python evaluate a call expression?
3. How does Python evaluate primitive expressions?
4. Write a function `square` that takes in a number and returns the square of that number.
5. Now write call expressions that call the `square` function. Try nesting once you get the basics!
6. Note that the operator can be expressed using a call expression. How can this be useful?
  1. `f(2)(3, 4)`

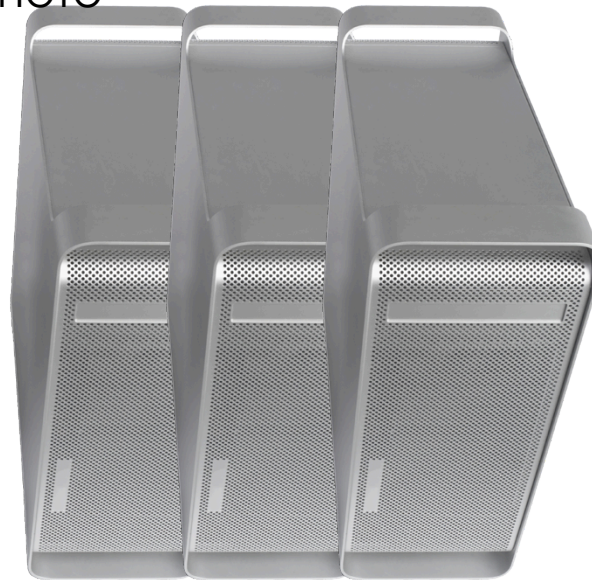
# Directions

1. Get an account form from me
2. Log into the school computer with your account
3. Open the terminal. There is a funny looking round thing on the top left. Click that, then search/open terminal
4. Run `ssh update.cs.berkeley.edu` to change your password
5. Access the labs for today at `cs61a.org`
6. Work on lab 0 on the school computers
7. Now, you can use your personal machines for lab 1
  1. Connect remotely: `ssh cs61a-???@cory.eecs.berkeley.edu`
8. Remember to submit `lab01.py` from your class account

# Directions



`ssh cs61a-??@cory.eecs.berkeley.edu`  
connect to remote terminal



`scp ~/path/to/file.py`  
`cs61a-??@cory.eecs.berkeley.edu:~/dest/folder`  
Copy file to remote server

`submit lab01`

Actually give your files to us!

- Make sure you are in the right folder
- Do not include .py ending here
- Do not submit from ~ folder

`cory[2] ~ #`

Your prompt should now say that you are in Berkeley's server! UNIX is used here!!!

# To get to my website

- [dicksontsai.com/cs61a](https://dicksontsai.com/cs61a)
- OR
  - Go to [cs61a.org](https://cs61a.org)
  - Click the "Staff" link
  - Click my name
  - Go to Discussion for discussion materials
- You will find my slides to discussion/lab. They may be different, because I add more content along the day.