

# CSCA08

Albion Fung & YuFei ~(.\_.)~  
[albion@amacss.org](mailto:albion@amacss.org)  
[github.com/conanap](https://github.com/conanap)

# Files

- `file = open("some file name here", "r")`
- `line = file.readline()` # line is a str
- `line = file.readlines()` # line is a list of str
- Can't read a line twice
- Once EOF have to reopen

- `file.close()`
- `file = open("rar", "w") #rewrite`
- `file = open("rar", a) #append`
- `file.write("...")`

# Mutability

- Dictionaries, lists, sets are mutable
- “Pass by reference”

# Dictionaries

- Imagine a list where instead of indexes, you use names
- Don't do `a = {}`
  - gives you a set
- `a = dict()`

- `a = {'hi':1, 3:'wot'}`
- `a[True] = 4`
- `print(a['hi'])` #1
- `print(a[True])` #4
- `print(a[3])` #wot