

CS 160

CS Orientation

File I/O, Searching/Sorting, and Why
should everyone learn programming?

Odds and Ends

- Assignment #9 demo
- Assignment #10 posted

File I/O

- How many of you used File I/O in Assignment 9?
 - `f.read()`
 - `f.readline()`
 - `f.readlines()`
- What is important?

Searching and Sorting

- Binary Search
 - http://csunplugged.org/videos/#Unplugged_8211_The_Show
- Sorting algorithms: (lots)

Why everyone should learn to code

- <https://www.youtube.com/watch?v=mPiGHylXKtw>

Group Exercise

- Why should everyone learn to program?
- Why shouldn't everyone learn to program?
- What are you thinking for your thesis?
 - Come up with a problem statement
- Do you consider yourself a better designer or coder?

Group Discussion....