June 20: Wrapping up & Remarks
Final practice

Congratulations!

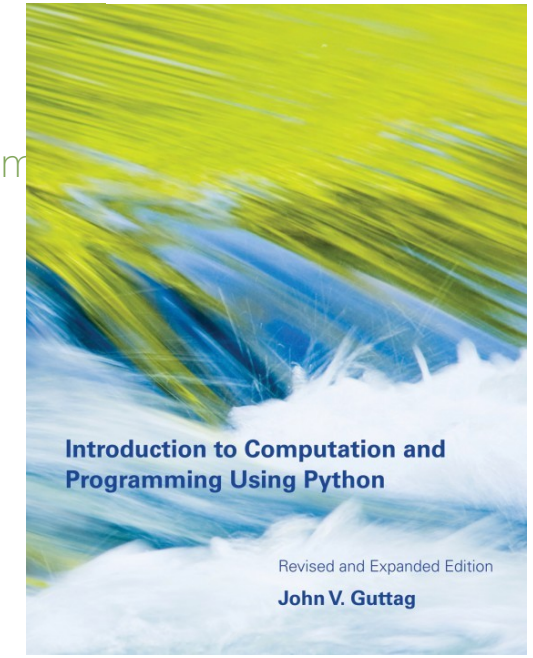
- **You've made it to the end of the course**
- **We've covered a lot of material in the last 2 months**
- **This was a big commitment:**
  - 6 hours of after hours class + assignment every week (on top of full time work for many of you)
  - doing this during spring/summer
- **You should be proud of yourselves!**
- **This will be rewarding:**
  - programming skills are more than ever becoming an integral part of professional work life

What we haven’t covered (enough)?

- recursion
- structured testing, testing frameworks (unittest)
- exception handling (try: ... except:...)
- debugging
- data structures & algorithms
- git
- Jupyter

Where do we go from here?

- **Continuation of this course, CPSC 129, is not available**
- **Consider taking online courses**
- **(edX.org, coursera, Udacity)**
  - introductory Python courses (practice makes perfect!)
  - intro to Computer science courses taught in Python
- **Check out other online resources**
- **Check out textbook by John V. Guttag:**
  - https://mitpress.mit.edu/books/introduction-computation-and-programm
    -python-revised-and-expanded-edition



Where do we go from here?

- **Assign a few hours every week to practice & learn: check out Python programs in the field that you are interested in.**
- **Those who are familiar with Matlab, might want to check out PyLab, Numpy etc**
- **Do you find yourself doing repetitive tasks on computer? Consider these as an opportunity to practice your python skills.**

Where do we go from here? More on Computer Science

- **Data Structures & Algorithms**
- **Are you curious about hardware aspect of computation? Consider taking a course on:**
  - Computer Architectures or
  - Computation Structures
- **Curious about IT (infrastructure) stuff? Check out Linux Academy: https://linuxacademy.com/**
  - Linux, Cloud computing (OpenStack, AWS etc),
  - DevOps, Security, Containers, BigData

Tips For Final

- Check out ‘Examinable Topics’ section at github repo

- review slides and examples we did

- try to program example problems on your own:

- go over assignments & solutions to assignments

- if you have time, try to redo assignments

- practice, practice, practice!!!