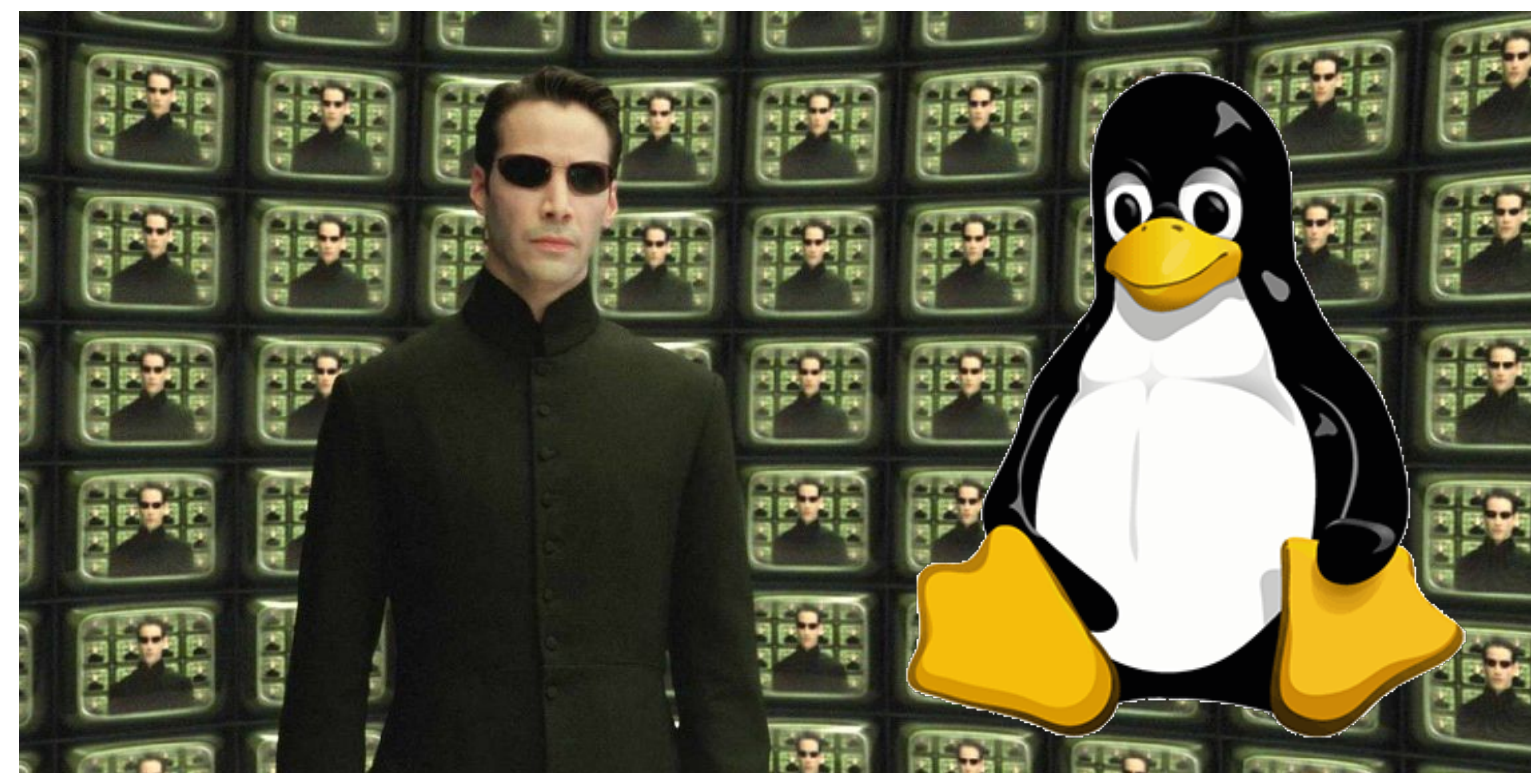




CSCI 125

Introduction to Computer Science and Programming II

Lecture 0: Administrations



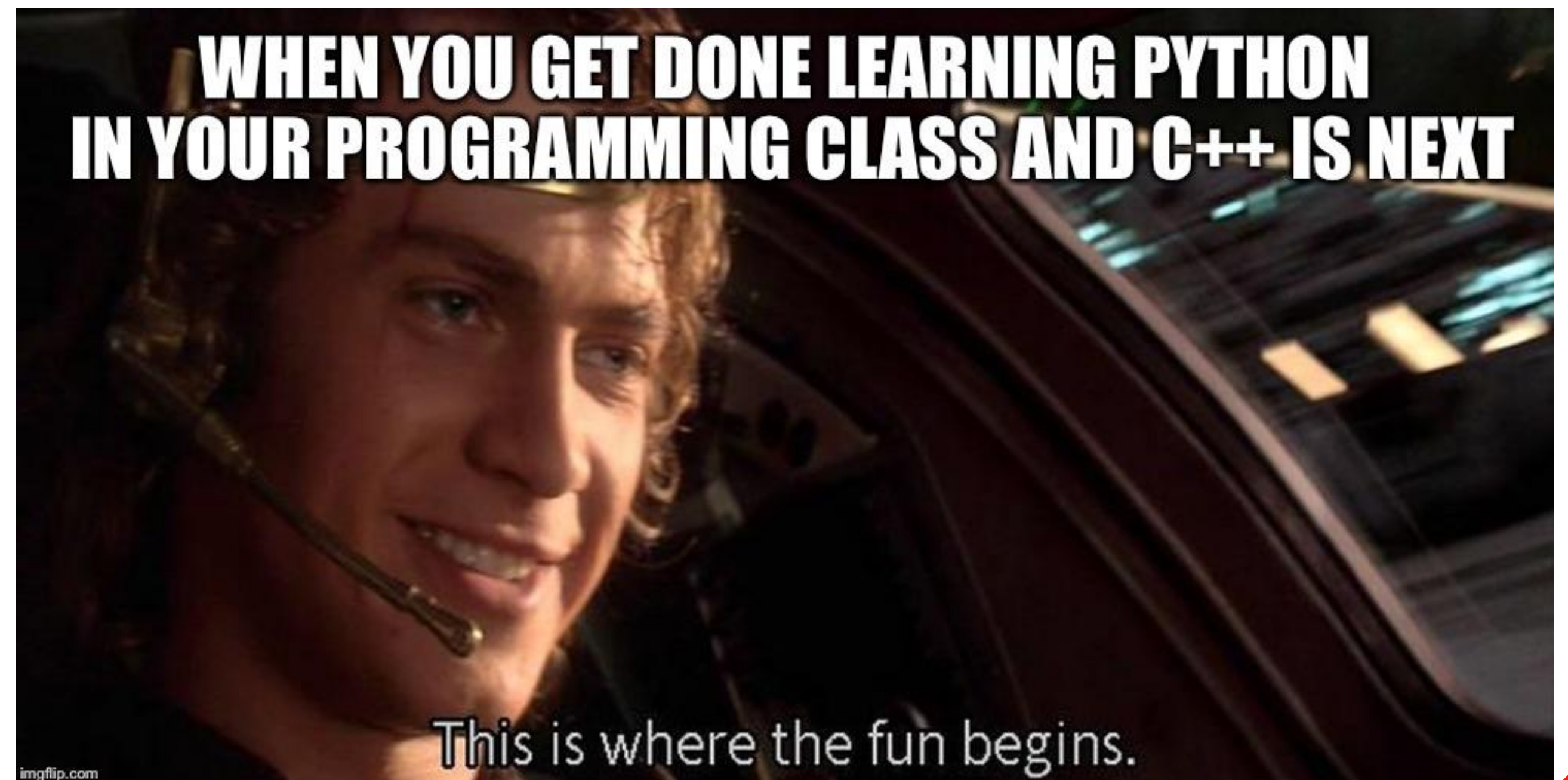
Jetic Gū
2020 Summer Semester (S2)

Overview

- Focus: Course Introduction
- Architecture: C++
- Core Ideas:
 1. Are you in the right place?
 2. Some basic information regarding the course

About The Course

- You have taken CSCI 120
- You speak Python
- Python is great!
- So why are we learning C++?



About The Course

- Website:
 - <https://jetic.org/kurs/csci125>
 - Slides (after class), Online Tests, Assignments, All handouts
 - Online Judge: <http://139.162.15.171:81>
- Email:
 - jgu@columbiacollege.ca

About The Course

- References
 - *Problem Solving with C++*, 10/E, Walter Savitch, ISBN-10: 0133591743 • ISBN-13: 9780133591743, Addison-Wesley
 - *Introduction to Algorithms*, 3/E, Cormen et al., ISBN-10: 9780262033848, ISBN-13: 978-0262033848, The MIT Press

About The Course

- First/second year undergraduate level
- Computing science, Computing engineering, Software engineering, Electric engineering, etc.
- Workload: mid

Grading

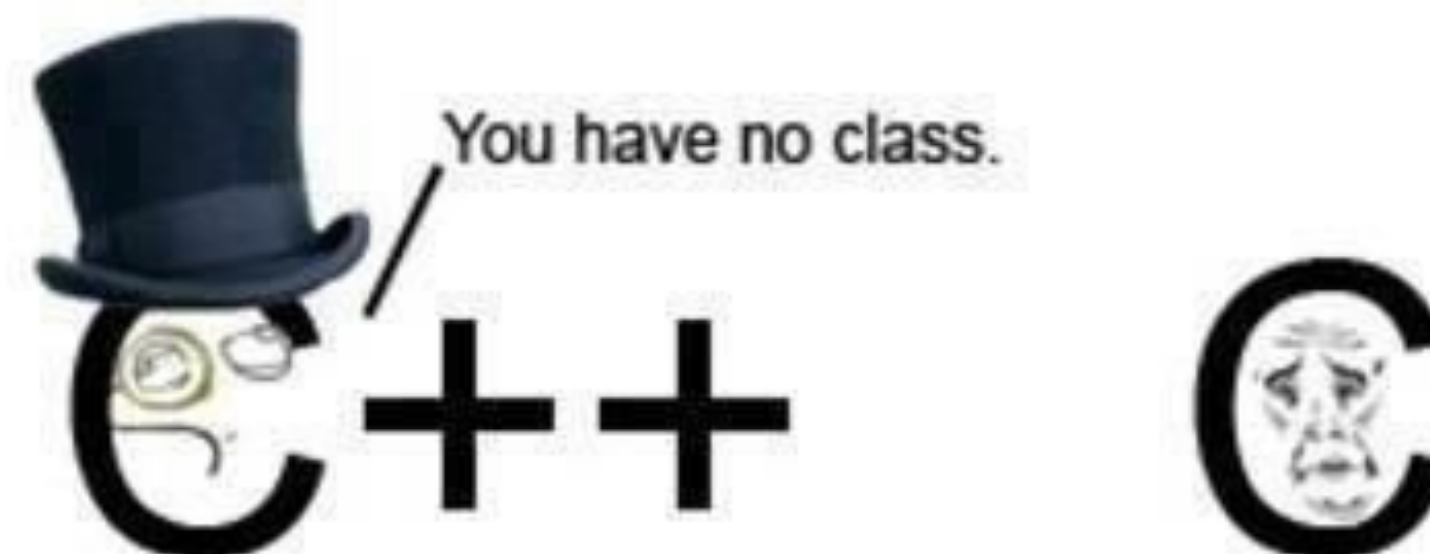
- Assignments + Lab: 40%
- Quiz: 10%
- Midterm: 2 July 2020, In class, 20%
- Final exam: TBA 30%
- Project: ???%

Grading

- Written Assignments: multiple selection and question answering
- Quizzes: Online Coding
- Labs: Online Coding
- Final + Midterm: Multiple Selection and Question Answering + Online Coding

Programming Language Selection

- C
 - The mother of all (modern)
- C++
 - Superset of C: C with Class
 - Any C++ code can be directly translated to C



Course Objective

- Comfortable with working on Linux (command line)
 - vim, g++, gdb/lldb: working without GUI
- C/C++ programming: how to realise an algorithm, how to debug
- Basic algorithms and analysis: complexity, correctness, modelling
- WARNING: math

Questions?