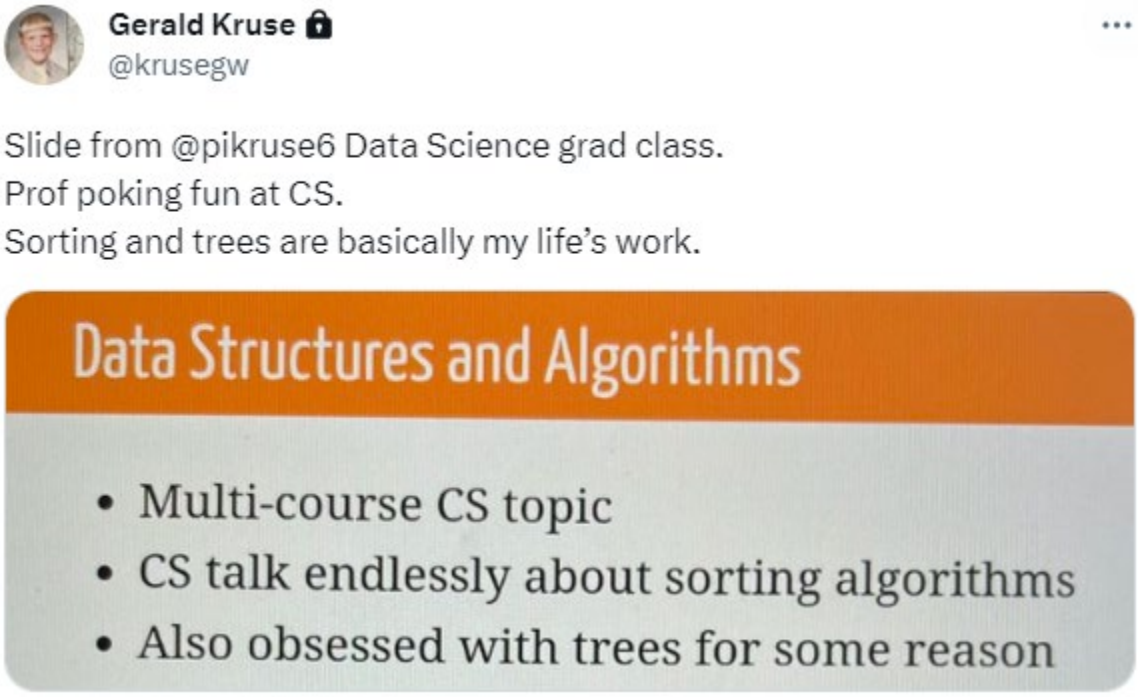
- Welcome to CS 240 – Computer Science 2!
- Roll / Learning Names
- This course is in the core of the CS and IT POEs. But it also serves students from other disciplines (note that Dual POE students are counted twice):
    - CS/IT – 23
    - Physics/Engineering Physics – 4
    - Math – 2
    - Bioinformatics – 1
    - ESS – 1
    - IMA/Studio Arts - 2
- The pre-requisites of this course are MA 116 – Discrete Structures and CS 110 – Computer Science I. The assumption is that you are comfortable coding in Python and with the basic programming structures like conditionals (if statements), repetition (for and while loops), and function calls, as well as logic, graphs, and trees. For the few who may have been approved to take this course without the pre-requisites, the responsibility will be on you to cover the material when we encounter it.
- Course Goals:
    - Have proficiency with Java syntax
    - Be comfortable coding in an Integrated Development Environment (IDE)
    - Have proficiency with Object-Oriented design
    - Be able to incorporate and expand existing code and packages
    - Learn foundational Data Structures
- This course in a nutshell:



- This course is for everyone. Every student in this class should feel welcome to attend and participate freely. There is no tolerance in this class for discrimination based on race, ethnicity, gender, sexuality, disability, age, socioeconomic status, or culture. We might have discussions in class, and I ask for your patience as we work through these.
- ***Office Hours - In-person, C-205 A BAC*:**
  Check here for up-to-date times: http://jcsites.juniata.edu/faculty/kruse/office.htm
  When I am on campus, I am usually in my office, C-205 A in BAC, with the door open, feel free to stop by and we can meet following current campus guidelines.

My Outlook Calendar is up-to-date if you would like to check, or to make a definite appointment, you may schedule (must be 2 hours in advance), via Calendly: https://calendly.com/dr-gerald-kruse . I will assume we are meeting in person, but if not, be sure to let me know.

- ***Drop-in Tutoring***
- Course expectations, "Uncertainty promotes stress, and anxiety can be demotivating," so I am trying to be very clear in my expectations for you:
    - ***Grace and empathy is a two-way street!***
    - WE ARE HITTING THE GROUND RUNNING. We will have graded labs or assignments the next four classes.
    - The content in this course is cumulative, keeping up is imperative.
    - Students are expected to attend class and bring their laptops.
        - Students will notify the instructor of any challenges regarding class attendance, deadlines, or other course related items.
        - If a student misses a class, they should first get the notes and an overview of that class from a classmate, and then review the associated material in Moodle.
            - Then, if the student has questions, they should make an appointment with the instructor.
    - While in class, students should be engaged on the material.
    - ***Have a mechanism for taking notes in class and capturing the class discussion. Note that there are no recordings of previous classes, nor will the current classes be recorded.***
    - Please read and respond to emails related to this course, it's how we communicate.
    - This is a fast-paced, 4 credit course. The standard expectation, based on the Carnegie unit, https://www.insidehighered.com/news/2015/01/29/carnegie-foundation-says-credit-hour-although-flawed-too-important-discard is that you will spend at least 2 hours outside of class for each hour in class, so for this course you should plan on at least 8 hours/week outside of class.
- Moodle
- Grading – ***see Moodle for details***
    - I will attempt to be as objective as I can in assessing your work, and a goal of mine will be to help you engage and succeed in the course.
    - The "real world" occasionally affects student's ability to submit work by the deadline. The instructor will consider extenuating circumstances for late work. Late work may be accepted up to a point, but possibly with a grade reduction.
- Getting to know you
- First Day Questions
- Academic Integrity Exercise
- Before next class:
    - HW 00a and HW 00b
    - Read the instructions in Moodle for installing Java and Eclipse