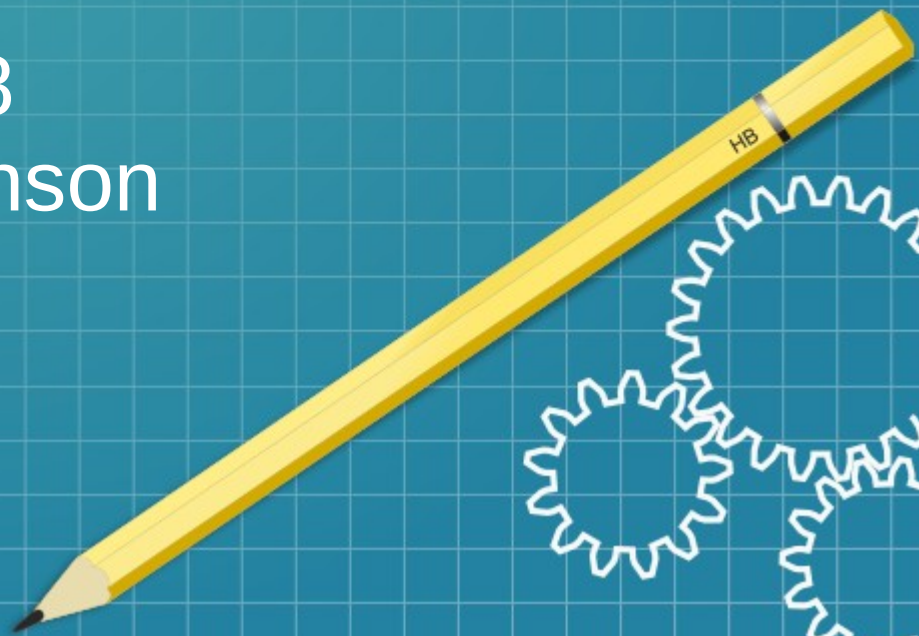
Doctors: Googling stuff online does not make you a doctor.

Programmers:

Lecture 0.0: Introduction

CS2308
Gentry Atkinson



Meeting Times

- Monday-Firday 10:00-11:40am
- In-person lectures.
- Office hours on Zoom:
  - Check “Announcements” for those links.

Who Am I?

- Gentry Atkinson
- Adjunct and recently graduated PhD.
- My research focus is in machine learning and I’m always happy to talk about it.
- gma23@txstate.edu
  - Please contact me through email rather than through Canvas.
- Office hours: TBD

Required Materials

- Textbook: *Tony Gaddis, Starting out with C++: From Control Structures through Objects*
  - 8th, 9th, or 10th edition is fine
  - Reference copy available in Alkek
- IDE: your choice. **CodeBlocks** is still “official”
- Bringing a laptop or tablet to class is a good idea but not required for lectures.
- You will need a laptop or tablet in class for exams.

What Will We Cover?

- Algorithms and algorithmic efficiency.
- Pointers and pointer operations.
- Dynamic memory allocation.
- Library creation.
- Classes and object orientation.
- Programming in a Unix (or Linux) environment.

Grading

- Exams: 40%
- Coding Projects (4): 40%
- In-Class Assignments: 10%
- Independent Quizzes: 10%
- Pre-req “exam” is available today

Pre-Term Exam

- Worth 5% of overall grade.
- Review of CS1428 material.
- Multiple choice, on Canvas, and on your own time.
- Students who are not happy with their grades on this exam can raise them with a small “Coding Project 0”.

Coding Projects

- Use a design document to implement a piece of software.
- One week of working time for each project.
- Students can discuss these projects with each other, **but you must list your collaborators in you authorship comments**.
- Everyone should submit their own copy of their own assignment (even if the code is identical).

Academic Honesty

- Submitting someone else's code as your own is **always plagiarism.** Cite your sources and do not use homework/exam solutions from the internet.
- Do not post homework/exam questions or solutions. It doesn't help anyone learn and makes more work for me.
- I will post some slides on citing code on Canvas.
- Code from other students' past assignments (e.g. Chegg) should **never be submitted** for an exam or assignment.

Important Dates

- May 31st: last day to add a class
- June 2nd: last day to drop w/o grade
- June 17th: last day to drop with a ‘W’
- June 30th: final exam

Extra Credit

- There are 5 extra credit problems available in this class.
- Each one is worth one point on your final grade.
- The problems are on HackerRank (which is a great source of coding challenges).
- The specific problems and instructions for submitting solutions will be posted on Canvas.
- There is no other extra credit.

Questions or Comments?

(also read the syllabus)