Introduction to the Course - Part 1

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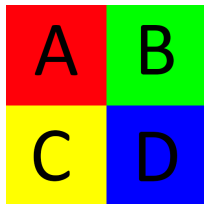### University of Illinois Urbana-Champaign

Tuesday, Aug 17 2021

Course Outcomes

- Given a small section of code you should be able to:
  - Trace through and predict it's output.
  - Describe, in plain English, what it does.
- Write a small python program some using the fundamentals you will learn in this course.
- Version control with Git and GitHub
- Other side topics as time allows (e.g, the internet)

Lecture Time

- We ask multiple choice questions through the following process:
  1. You answer the poll individually, for participation points.
  2. Then you discuss with your peers in your assigned lecture discord group.
  3. You will answer the poll a second time for, credit.

- These will use ABCD cards:

  - Apps are listed on the course website:

  - Physical copies are avaliable if you would prefer.

Discord

- **Invite link:** https://discord.gg/sADNwpX4
- Where office hours are posted.
- Direct message me **whenever you have a question no matter the day or hour!**
- Feel free to use the group discussion rooms to talk about homework and ping me if you get stuck.

zyBooks & Post Readings

- zyBooks Participation and Challenge Activities:
  - Two participation activities due a week (usually).
  - Challenge activities due every Sunday (again usually).
  - Always defer to the course calender and the dates listed on the assignment in zyBooks.
- PrairieLearn Post Readings
  - Due with every reading activity
  - **Muddiest Points:** What point did you find most confusing. If nothing, what do you think others found the most confusing?
  - **Future Detail:** What would you like to be covered more in depth during lecture?
  - **Time Spent:** How long did you spend doing the reading?

Weekly Schedule

- General weekly schedule:
  https://hamiltonfour.tech/uni-high-fall-21/schedule/
- Item specific schedule:
  https://hamiltonfour.tech/uni-high-fall-21/calendar/

First poll question! - Getting Help

1. It is okay to hire random internet strangers to do all of your homework for you.
2. You must do all of your homework alone (not even I can help)
3. You can get any help you want as long as you type in the answers.
4. Students can only discuss the homework at a high level; code must not be shown to other students, but you can as TAs for help.
5. Assignments can be done in groups of two students.

Due this Thursday

1. Look over and get familiar with the course website.
2. Get Discord setup.
3. Topic 1 reading and participation activities
   - Cover half of the topics today and the rest tommorow.
   - Read the following chapters just for information: 1.[5-8]
   - Read the following chapters for comprehension: 1.[1-4], 1.9
4. Wednesday is a history lesson
5. Thursday we'll start diving into Python.