Hack110 Sign-Up Form!

When? Saturday, April 5th from 10 AM - 12 AM (Midnight)

Where? In Sitterson Lower Lobby

Who can join? Anyone in COMP 110! No prior experience required. Bring a partner or come as yourself (we'll have team-building activities if you want a partner)

Come for a fun day of coding, workshops and events (also **food will be provided**):

- Choose between web development or game development track
- Go to various <u>workshops & events</u> such as: Navigating the CS Major, Resume workshop, ice cream station, and kahoot trivia and MORE!
- Link: Sign-Up Here! Or via the QR code
- Sign-Up form will close Monday, March 17th at 11:59 pm
 - Spots are limited! So we'll prioritize interest!
 - If you have a partner, ONLY ONE OF YOU has to sign up you will just enter your partner's info in the form.

Sign-Up Here!





CL18 – Reference Types and Practice with Lists

Announcements

- Quiz 02 on March 7!
 - Review Session this Wednesday (March 5) from 6:15-7:15pm in Sitterson Hall (SN), room 014
 - Practice quiz explanations (part 1) are available.
 - Video for the rest of the questions posted by tomorrow

Warm-up: Diagram the following program up to # Stop here!

```
1    xs: list[int] = [10, 20, 30]
2    i: int = 2
3    xs[i] = xs[i - 1] - 1  # A
4    print(xs)
5    i = i - 1
6    xs[i - 1] = xs[i] + 1  # B
7    print(xs)
8    # Stop here!
9    xs.pop(1)
10    print(xs)
```

Follow-on questions:

Describe line with comment # A in English

Describe line with comment # B in English

Diagramming a Nested while Loop

```
def triangle(n: int) -> None:
          i: int = 1
          line: str
          while i <= n:
              line = ""
              while len(line) < i:</pre>
                   line += "*"
              print(line)
              i += 1
10
11
```

triangle(2)

12

Diagramming a Nested List