Netflix for video games?

www.washingtonpost.com/technology/2019/01/28/netflix-video-games-why-longtime-dream-is-closer-than-ever-coming-true

"Major companies are probing how to replace video game downloads with Internet-based services, allowing future games to be streamed from a data center with most computation and image rendering handled by remote servers before being routed to players' systems. Unlike passive forms of media, online gaming calls for highly responsive technology that can interpret a player's actions from afar, process them within milliseconds, and relay the results back to players and their opponents instantaneously. Experimentation with cloud-based gaming includes Google's Project Stream, which recently concluded a beta test that let testers play "Assassin's Creed Odyssey" online for free. Tester Chris Cantrell said Google did well in highlighting its servers' faithful reproduction of a single-player game's high-fidelity graphics. However, ensuring a seamless competitive multiplayer experience is a tougher challenge."

Announcements

Homework 2 is released and is due next Thursday 2/7 @ 11:59pm.

Drop-in office hours start this week.

Hog project due Thursday 2/7

      Solve Phase 1 individually; Work with a partner on Phases 2 & 3.

      Phase 1 checkpoint due Tuesday 2/5.

      Submit everything by Wednesday 2/6 for an early submission bonus point.

Project Party TONIGHT 2/4 in 241 Cory from 6:30-8pm.

Return

Return Statements

A return statement completes the evaluation of a call expression and provides its value

    f(x) for user-defined function f: switch to a new environment; execute f's body

    return statement within f: switch back to the previous environment; f(x) now has a value

Only one return statement is ever executed while executing the body of a function

```
def end(n, d):
    """Print the final digits of N in reverse order until D is found.

    >>> end(34567, 5)
    7
    6
    5
    """
    while n > 0:
        last, n = n % 10, n // 10
        print(last)
        if d == last:
            return None
```

(Demo)