



Intro to C++

(C with classes and ++pain!)

QFA 2024





About Me (in case u forgot):

- Name: Aaron
- Major: Computer Science
- Experience/Qualifications:
 - blah blah blah
 - trust me bro



Quick survey:

- Who has C++ experience?
 - 0-3 months?
 - 4-6 months?
 - 7+ months? (you could probably teach this lesson instead of me)

Brain Teaser Time:





Brain Teaser Time:

Suppose that we wish to know which stories in a 100-storey building are safe to drop eggs from, and which will cause the eggs to break on landing. What strategy should be used to drop eggs such that a total number of drops in the worst case is minimized and we find the required floor

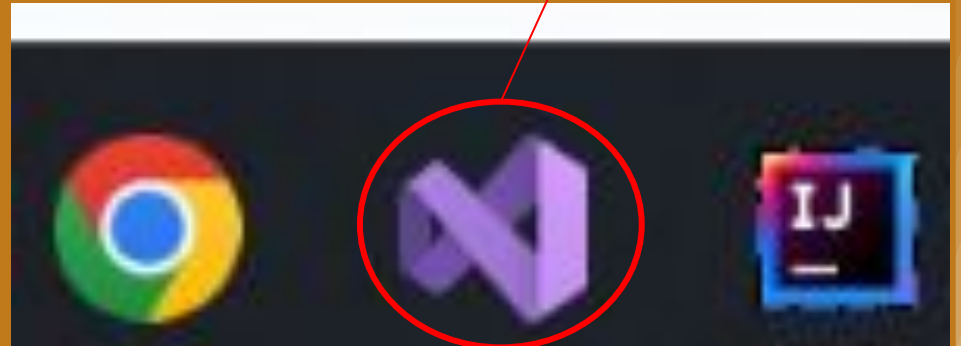
We may make a few assumptions:

- An egg that survives a fall can be used again.
- A broken egg must be discarded.
- The effect of a fall is the same for all eggs.
- If an egg breaks when dropped, then it would break if dropped from a higher floor.
- If an egg survives a fall then it would survive a shorter fall.

<https://www.geeksforgeeks.org/puzzle-set-35-2-eggs-and-100-floors/> <- solution if u want to spoil yourself

Installing Our Tools

its this one, if you couldn't tell



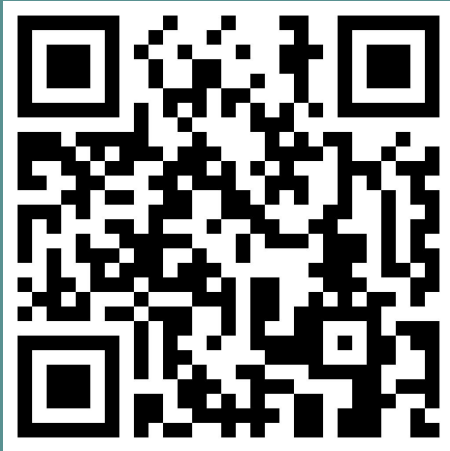


Brief Overview of C++:

- Header and Source Files
- Includes
- Debugging
- (MSVC Specific) The Precompiled Header (PCH) File
- Memory Management 🦴

Thank you for attending!

Attendance for Points:



CLE

