Interview Questions

- What is something you have coded outside of school work?
- What is the most challenging programming problem you have worked on?
- If something isn't working in your program, how would you try to figure out the cause?

TECH ELEVATOR

Java

Code Reviews

Module 1 - Week 3

Housekeeping

- Asking for help...
    - Office Hours! I will cover homework or other questions.
    - Post in **#nlr-pt-5-java-blue** channel
    - Post in homework help channel
    - Add ticket emoji  reaction to any slack message to create a help ticket.
    - DM me on Slack.
    - Schedule 1:1 with me.
- You can re-submit within a module after a deadline for a max grade of 2. You must communicate this with me! This should not be a regular occurrence (TE policy is 2 late submissions per module).
- Video on during class

Schedule

Week	Topics
Week 0	Welcome, Intro to Tools
Week 1	Variables and Data Types, Logical Branching
Week 2	Loops and Arrays, Command-Line Programs, Intro to Objects
Week 3	Collections
Week 4	**Mid-Module Project**
Week 5	Classes and Encapsulation
Week 6	Inheritance, Polymorphism
Week 7	Unit Testing, Exceptions and Error Handling
Week 8	File I/O Reading and Writing
Week 9	**End-of-module project**
Week 10	**Assessment**

Objectives

- Learning objectives
  - Understand the significance of conducting a code review
  - Receive code review feedback on the mid-module project

Types of Code Reviews

- Code reviews of pull requests
- Code reviews with senior developers
- Code reviews with your peers

Code reviews help us:

- spot issues with the code
- suggest ways to make the code more readable
- find inconsistency between the code in review and the rest of the codebase
- looking for code that doesn't follow best practices
- share working knowledge with other team members
- learn something new from someone else's code

These are not true about code reviews:

- code reviews are only about spotting mistakes
- you can "fail" a code review and lose your job
- only an expert can conduct a code review

Let's try it...