

# CSE 11

# Accelerated Intro to Programming

## Lecture 23

Greg Miranda, Spring 2021

# Announcements

- Quiz 23 due Friday @ 8am
- PA7 due tonight @ 11:59pm
- Survey 8 due Friday @ 11:59pm

Week 9

Friday

Exam 2

Fr → Sunday

# ArrayList

- Must import it from the Java util library
  - `import java.util.ArrayList;`
- <https://docs.oracle.com/en/java/javase/13/docs/api/java.base/java/util/package-summary.html#CollectionsFramework>
- <https://docs.oracle.com/en/java/javase/13/docs/api/java.base/java/util/ArrayList.html>

# Method Overloading

- Same method name has more than one signature in a class or interface

# Exceptions

- Throwing errors in order to give more specific and informative error messages
  - `throw new <something throwable>;`

# File I/O (input/output)

- `File.readString()`
  - [https://docs.oracle.com/en/java/javase/13/docs/api/java.base/java/nio/file/Files.html#readString\(java.nio.file.Path\)](https://docs.oracle.com/en/java/javase/13/docs/api/java.base/java/nio/file/Files.html#readString(java.nio.file.Path))
- `Path.get()`
  - [https://docs.oracle.com/en/java/javase/13/docs/api/java.base/java/nio/file/Paths.html#get\(java.lang.String,java.lang.String...\)](https://docs.oracle.com/en/java/javase/13/docs/api/java.base/java/nio/file/Paths.html#get(java.lang.String,java.lang.String...))