

LEC 15

CSE 122

## Java Collections

BEFORE WE START

*Slido vote & chat with your neighbors:  
It's warm! What's your favorite cool drink?*

Music: [122 26sp Lecture Jams](#) 

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**Instructor:** Elba Garza

<b>TAs:</b> David	Caleb	Cole	Yang
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Dani	Wesley	Carson	Diya
Rohan	Isis	Sushma	
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Ava	Naomi	Mahima	
Shreyank	Hanna	Nicolae	
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Questions during Class?

Raise hand or send here

sli.do #cse122



# Lecture Outline (1/2)

- **Announcements** 
- Nullish Nuance

# Announcements

- Resubmission Cycle 5 (R5) out; due Tuesday, May 26<sup>th</sup> by 11:59pm PT
  - Eligible Assignments: **P1**, P2
- Programming Assignment 3 (P3) out tonight!
  - Due May 28<sup>th</sup> by 11:59pm PT
- May 25<sup>th</sup>: University Holiday!
  - IPL Closed
  - No Office Hours
- Quiz 2 Tuesday, May 26<sup>th</sup>
  - Practice Quiz 2 out tonight, solutions Sunday
  - Quiz 1 grades out this weekend
  - **Note:** TAs go to sleep at 9pm day before; Ed Board blackout on quiz-related topics during quiz from 8:30am to 4:30pm

# Lecture Outline (2/2)

- Announcements
- **Nullish Nuance** ◀

# Nullish Nuance

In Java, a reference type\* may or may not contain a value

- By definition, `null` refers to the complete absence of an object
  - Note this is not the same as empty (e.g. `""`) and not `0` !!
- In classes, `null` is the default value of a reference type field unless otherwise stated

\*Objects, Strings, Arrays

# Shopping Cart Example one more time...

Let's add two more methods to `ShoppingCart.java`:

```
public void setCartOperator(String name)
```

```
public String getCartOperator()
```

Usually, a cart doesn't have someone operating it when it's set up, but sometimes, someone comes