

# CSE 121

Elba Garza

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**slido.com**  
**#1004 133**



# Announcements, Reminders

- So much was done/due yesterday!
  - Missed Quiz 0? No problem: **Retakes!** (More info soon.)
  - Missed submitting C1? No problem: **Resubs!**
- Resubmission form for R1 releasing tomorrow; due January 31st by 11:59 PM
  - Eligible assignments: C0, P0
- Programming Assignment 1 out soon, due February 1st by 11:59 PM

# Last Time

- Nested for loops

- Syntax & conventions: (i, j, k)
- Applications

- Random

Random rand = new Random();  
type name Random creation code

- Methods
  - `nextInt()`: returns a random int value
  - `nextInt(int max)`: returns random int value [0, max) i.e. between 0 and max-1
  - `nextDouble()`: returns any random double value [0, 1.0) i.e. between 0 and 0.999...
- Specifying ranges of values: `nextInt(max - min + 1) + min`

# Plan for Today

- Methods

- Allow us to define our own commands—allow us to compartmentalize our logic and thus our code!
- We **call** a method every time we wish to use it.

```
System.out.println()  
filburt.up()  
myString.length()
```

- Class Constants

- Values that cannot be changed i.e. constant!
- Declared at the class level, outside of `main`