

# CSE 121

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Join at  
**slido.com**  
**#1654 242**



# Announcements, Reminders

- Creative Assignment 0 (C0) feedback is out!
- Resubmission Cycle 0 (R0) form is also out & due January 24th by 11:59 PM
  - Eligible assignments: C0
- Quiz 0: Tuesday, January 24th in section; bring laptop!
- Creative Assignment 1 out, also due January 24th by 11:59 PM

# Last Time

- For loops
  - Parts of a for loop statement
  - Incrementing/Decrementing update in a for loop
  - Usage of for loops: definite vs. unknown

```
for ( initialization ; test ; update ) {  
    body (statements to be repeated)  
}
```

# Plan for Today

- Nested for loops
  - Syntax & conventions
  - 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  $[0, \text{max})$  i.e. between 0 and  $\text{max}-1$
  - `nextDouble()`: returns any random double value  $[0, 1.0)$  i.e. between 0 and 0.999...
- Specifying ranges of values