CSE 121
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Winter 2023

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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

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

• Nested for loops
  • Syntax & conventions
  • Applications
• Random
  • 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