CSE 121
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Winter 2023

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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
  • 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: `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.
    
    ```java
    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