CompSci 94
Scope and Debugging
November 27, 2018

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Class Today

- Scope for variables
- Debugging

- All classwork needs to be checked off this week by 11/29.

- Assignment 7
  - Fill out partner form by Nov. 27
    - Must fill out if working alone
    - Both partners must fill out, can only have one partner
Scope for variables

- Variables are only known within the block they are defined in.
- A block could be, for example,
  - A do in order
  - The body of an if or else
  - The body of a loop
What is the scope of count? someRandom?
Debugging

• What do you do when your program doesn’t work?
  – Add **say** statements until you can determine where the code does not work
    • Say “here” to see if code up to this point is executed
    • Then move it to another place
    • Say the value of a variable or property to see if it is what you think it is.