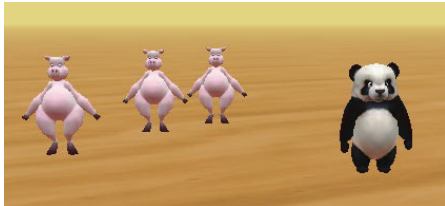


CompSci 94

Scope and Debugging

November 3, 2020



Prof. Susan Rodger

CompSci 94 Fall 2020

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Announcements

- All classwork needs to be checked off by 11/16.
- Classwork from Thursday Oct 29 can be checked off on Nov. 12.
- Assignment 6
 - Due 11/12
- Exam 2 in one week

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Exam 2

- Covers topics through last week.
- How to study:
 - Look at old Exam 2's (on resource tab)
 - Look at classworks, lecture notes, videos
 - Try to rewrite code by typing it into a plain text file
- We will review next class

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Class Today

- Scope for variables
- Debugging

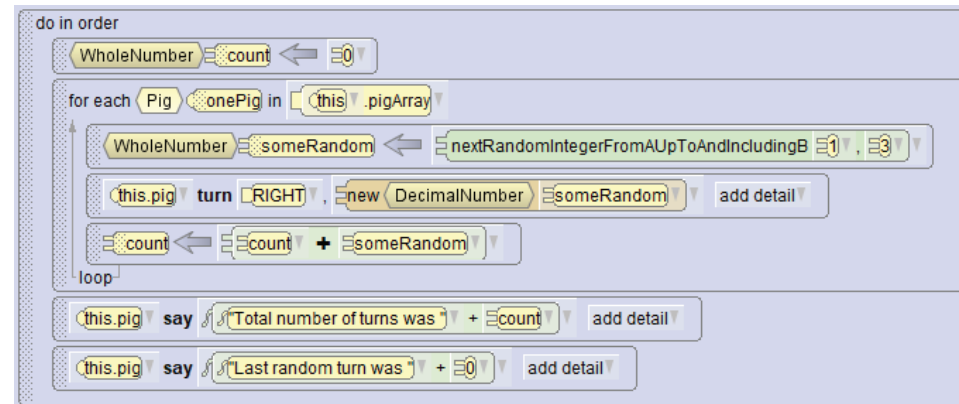
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Scope for variables

- 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.

Classwork today

- Debugging

