CompSci 4
Chap 9 Sec 2
Nov 1, 2007

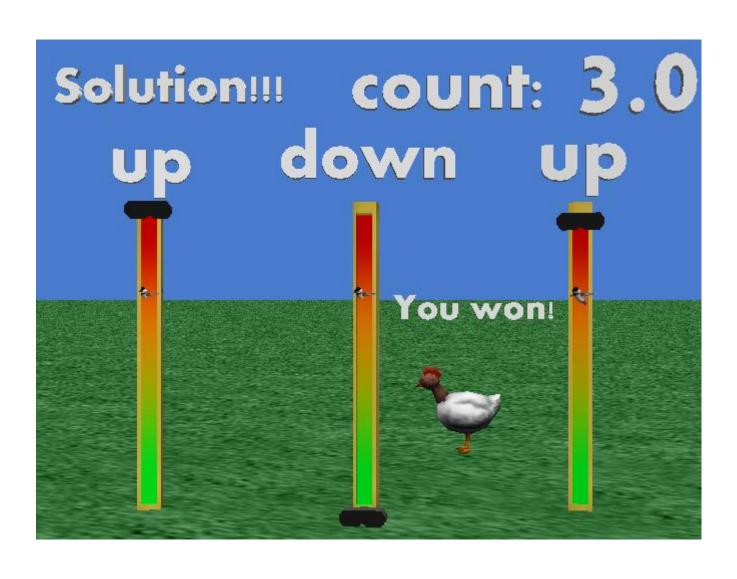
Prof. Susan Rodger



Announcements

- Read Chapter 10 for next time
 - Section 1 variables
 - Section 2 Arrays
 - Reading Quiz
- Assignment 6 due Tuesday
- Today
- Chapter 9, Sec 2 Searching Lists

Questions on Assignment 6?



List Search Example

- WacAMole game
- Moles pop up from holes, user tries to whack (click) them
- Game over when 10 moles whacked.

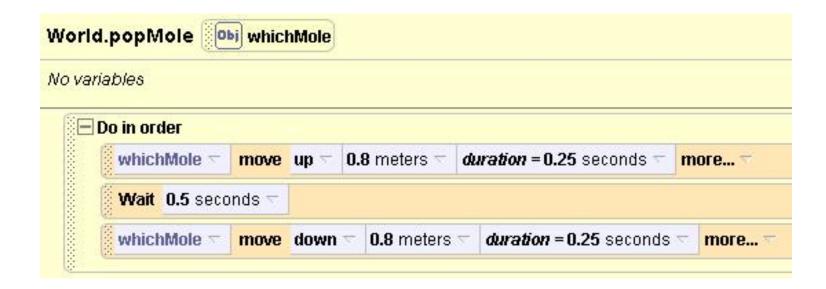


Score – uses "For all in order"



Other Methods

variables		
⊞ While	not	playerScore = is above ground = more = -



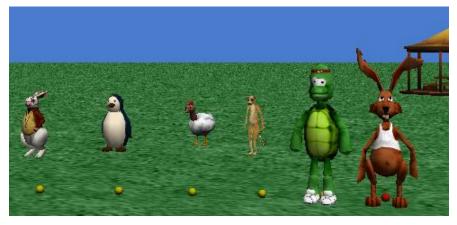
Classwork today – sort animals



Start

Put Tallest two in place ... (move to rightmost tennis balls)





All in place!

More Details

- Given a list of animals, list of tennis balls
 - Each player has "isTaken" variable set to false
 - Each ball has color yellow
- Write methods to find the rightmost yellow tennis ball test these
- Write methods to find the tallest player not yet taken
- Sort the players by height Repeatedly find the tallest player and move it to the rightmost yellow ball