

CompSci 4  
Chap 9 Sec 2  
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## 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

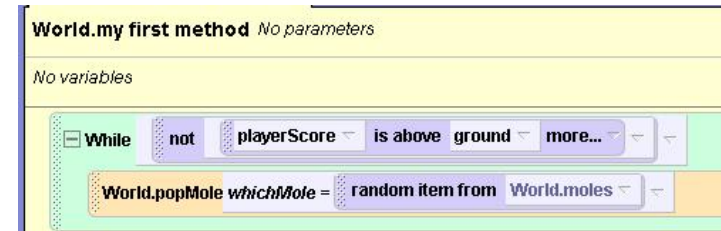
- WacAMole game
- Moles pop up from holes, user tries to whack (click) them
- Game over when 10 moles whacked.



## Score – uses “For all in order”



## Other Methods



## 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