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?

Solution! down  count 3.0 up  You won!!
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