## CompSci 4 Chap 9 Sec 2 Nov 1, 2007

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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

## World.my first method No parameters

No variables


World.popMole whichMole
No variabies
Do in order


## 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

