CompSci 4
Array Practice
Nov 10, 2011

Announcements

• Next time Review for Test
  – Work old test problems on paper
• Test 2 is Thursday, November 17
• After Test – more Alice 2/Alice 3
• Today – more practice with arrays, visual and nonvisual

NonVisual Array

• Problem: Create an array of animals and then generate an array of the heights of the animals.

Create an array of Animals

• Under world properties, create new Variable, check the “make a array”
Create an empty array of heights

Store the heights of the animals in the heights array
- Must drop the name of the array over items to use the array!

- Result:

- Exercise: Using the height array, how do we compute and print out the maximum height?

The maximum height is 7.0

Classwork

Part 1: Visual Arrays – Array of frogs
- Double size of all frogs
- Randomly color some frogs
- Move frogs of new color all to left in array by swapping

Part 2 – Nonvisual array
- Create a nonempty array of integers
- Fill it with random integers
- Compute which number appears the most often