Announcements

- Do your term paper!
- Project #3 is due tonight
- Project #4 has been posted
- Friday will be practice, but you don't need a computer

Review

 Let's go over exercise from last class (Whack-A-Mole)

Manipulating Arrays

Caution:

Arrays are very different in other languages!
In particular, Java arrays are very different from JavaScript arrays.

Making an array bigger

$$var a = [3.99, "Joe", 95];$$



unshift -- adds element to front

push -- adds element to back

Making an array smaller

$$var a = [3.99, "Joe", 95];$$



shift -- removes element from front

var y = a.shift(); var x = a.pop();

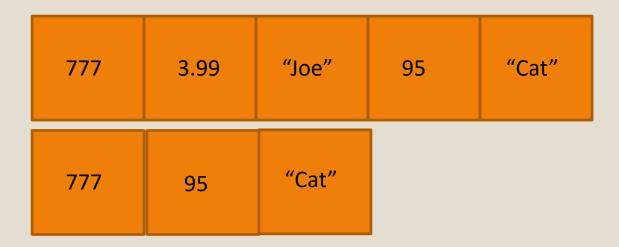
back

Example: Arrays4.html

pop -- removes element from

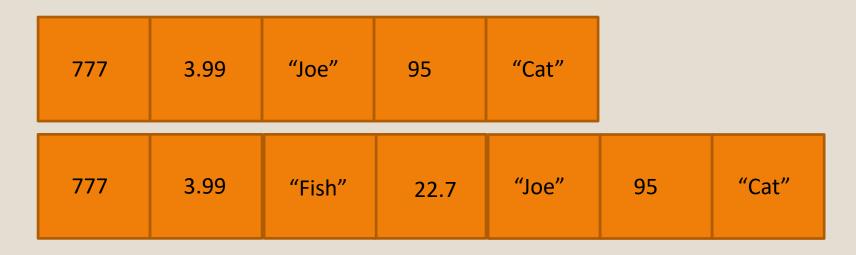
Using Splice to Remove from Middle

var a = [777, 3.99, "Joe", 95, "Cat];



To remove 2 items from position #1...

Using Splice to Insert Into Middle



To insert some items at position #2...

Example: Splice.html