Announcements

• Please bring laptops on Monday
• Project #3 due on Wednesday
Arrays

Collection: One variable represents an object that can hold more than one piece of data

An array is a simple kind of collection.

```
var a = ["Joe", 52, "Tom", 99.77];
```

<p>| | | | |</p>
<table>
<thead>
<tr>
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<tbody>
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<td>52</td>
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Arrays

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a[0] now represents the string “Joe”

a[1] now represents the number 52

Etc.

a.length represents the “length” of the array (in this case, 4)

Example: Arrays1.html
Arrays and For Loops

Common “idiom” for processing all elements in an array, a:

```javascript
for (var i = 0; i < a.length; i = i + 1) {
    ...a[i]...
}
```

Examples: Array2.html
          Array3.html