Announcements

• Project #3 due Sunday night
• Please bring laptops on Monday
Arrays

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

An array is a simple kind of collection.

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

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<table>
<thead>
<tr>
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<tbody>
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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
Quiz #3