

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];
```

"Joe"	52	"Tom"	99.77
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Arrays

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

"Joe"	52	"Tom"	99.77
a[0]	a[1]	a[2]	a[3]

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:

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

Examples: [Array2.html](#)
[Array3.html](#)

Quiz #3