Announcements

• Term paper has been assigned
• Project #3 will be posted tomorrow
• Bring laptops on Friday
More Nested Loops

Example

• Nested Lists
Do-While Loops

... do { ...
... ...
... ...
...
} while (... some boolean condition... ); ...

Repeats block of code over and over as long as condition is true. Note: If condition is initially false, then block of code runs once anyway.

Examples: DoWhileLoop1.html
DoWhileLoop2.html
Functions

A function is a block of code that is given a name.

We have been calling functions that are built-in:
- `prompt()`
- `alert()`
- `Number()`
- `document.writeln()`
- `Math.random()`
- `Math.floor()`

Today we will see how you can write your own functions!
Functions

Here is an example of a function:

```javascript
function foo() {
    ...
    ...
    ...
}
```

Any time I want to run this code, I call the function by name:

```javascript
foo();
```

Example: Function1.html
Function2.html
Parameters

Parameters are variables declared at the top of a function. We can use these variables to pass information to the function when it is called:

```javascript
function printName(name, size) {
    document.writeln("<p style='font-size:” + size + “pt’>”);
    document.writeln(name);
    document.writeln("</p>”);
}
```

To call this function, we must specify values (arguments):

```javascript
printName("Fawzi", 12);   or...
printName("Bob", 18);
```