Announcements

• Term paper has been assigned
• Project #3 will be posted on Wednesday
• Bring laptops on Wednesday
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 copyRight() {
    document.writeln("<h3>&copy;  2017 Fawzi Emad<h3>");
}
```

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

```javascript
copyRight();
```

Example:  Function1.html
Function2.html

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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);
```