

# Announcements

- **Project #2 has been posted**
- **Term Paper assignment will be posted soon**
- **First exam is on Monday 10/9.**
- **Material for exam: Everything covered through the last lecture (from Monday 10/2).**
- **We'll do some reviewing on Friday – bring questions!**

# document.writeln

**We're going to start using document.writeln**

**We'll need to change an option in Komodo Edit  
(See class announcements...)**

**Example: [SimplerOutput.html](#)**

**What is eval?**

**Is it evil?**

**How can we ensure that this isn't an issue for us?**

# If-Statement

**Behavior depends on a “condition” ...**

**Another Example:**

**Example: [IfStatements2.html](#)**

# If-Else-Statement

Two possible paths – One or the other will happen...

Simple Example:

```
x = Number(prompt("Enter first value: "));
y = Number(prompt("Enter second value: "));
if ( x === y ) {
    alert("THE VALUES ARE THE SAME");
} else {
    alert("THE VALUES ARE DIFFERENT");
}
alert("That was fun.");
```

**Example: [IfElseStatements.html](#)**

# Nested Conditionals

Conditional statements can be nested inside each other:

```
if (...) {  
    if (...) {  
    } else {  
    }  
} else {  
    if (...) {  
    }  
}
```

**Example: [Nested.html](#)**

# Logical Operators

## And

```
if (A && B) {  
    // runs if BOTH are true  
}
```

## Or

```
if (A || B) {  
    // runs if EITHER is true (or both)  
}
```

## Not

```
if (! A) {  
    // runs if A is NOT true  
}
```

**Example: [LogicalOps.html](#)**