

JavaScript Basics

variables

```
var number = 12;  
  
var text1 = 'text one';  
var text2 = "text 2";
```

methods

```
function myFunction () {  
    // Place code here  
}  
  
function add (param1, param2) {  
    return param1 + param2;  
}  
  
// Assign a method to a variable  
var myFunc = function (param1) {  
};  
  
// Execute myFunc  
myFunc(123);
```

arrays

```
var anArray = [];  
anArray = [1, 3]; // [1, 3]  
anArray.push(2);  // [1, 3, 2]  
  
// some properties of arrays  
var first = anArray[0];  
var length = anArray.length;
```

objects

```
var anObject = {  
    myVar: 12,  
    myVar2: function () {}  
};  
  
// Increase by one  
anObject.myVar++; // 13  
  
// Call function  
anObject.myVar2();
```

iterations

```
for (var i = 0; i < 10; i++) {  
    // Executed 10 times  
}
```

conditions

```
if (true || (false && !false)) {  
    // This gets executed  
} else {  
    // Not executed  
}
```

Example output:

```
>> console.log(number);  
12  
  
>> console.log(text2);  
text 2  
  
>> console.log(  
    add(number, text1));  
12text one
```



Note: JavaScript can add (+) strings and numbers