

```
function multiply(x,y) {
  console.log(x);
  console.log(y);
}
b = multiply(2,3);
console.log(b);
```

Main		mult(x,y)		Output
Var	Val	Var	Val	
b	und			2 3 undef.

```
function multiply(x,y) {
  return x*y;
}
b = multiply(2,3);
console.log(b);
console.log(multiply(5,2));
```

Main		mult(x,y)		Output
Var	Val	Var	Val	
b	6			6 10

```
var x = [1,2,3,4,5,10];
for(var i=0; i<5; i++) {
  i = i + 3;
  console.log(i);
}
```

Main		for( )		Output
Var	Val	Var	Val	
		i	0 → 3 → 4 → 7	3 7

```
var x=15;
console.log(x);
function awesome(){
  var x=10;
  console.log(x);
}
console.log(x);
awesome();
console.log(x);
```

Main		awesome()		Out
X	15	X	10	15 10 15

```
for(var i=0; i<15; i+=2) {
  console.log(i);
}
```

Main		For		Out
		i	0 → 2 → 4 → 6 → 8 → 10 → 12 → 14 → 16	0, 2, 4, 6, 8 10, 12, 14

```
for(var i=0; i<3; i++) {
  for(var j=0; j<2; j++) {
    console.log(i*j);
  }
}
```

main

For 1

i	0 → 1 → 2
	→ 3

Out

0,0  
0,1  
0,2

For 2

j	0 → 1 → 2

```
function looping(x,y) {
  for(var i=0; i<x; i++) {
    for(var j=0; j<y; j++) {
      console.log(i*j);
    }
  }
}
z = looping(3,3);
console.log(z);
```

Main

z	Und

looping ( )

var	val
x	3
y	3

Output

0,0,0  
0,1,2  
0,2,4  
Undr.

for 1	var	val
	i	0 → 1 → 2 → 3

for 2

var	val
j	0 → 1 → 2 → 3

```
function looping(x,y) {  
  for(var i=0; i<x; i++) {  
    for(var j=0; j<y; j++) {  
      console.log(i*j);  
    }  
  }  
  return x*y;  
}  
z = looping(3,5);  
console.log(z);
```

Main	
z	15

looping( )	
i	0 → 1 → 2 → 3
j	0 → 1 → 2 → 3 → 4 → 5

Output	
0, 0, 0, 0, 0	
0, 1, 2, 3, 4	
0, 2, 4, 6, 8	
15	