

Code Snippet 1

```
var arr = ["Up", "You", "Give", "To", "Going", "Never"];  
function hello() {  
    console.log('hello');  
}  
hello();  
console.log('Dojo');
```

Var	Value
arr	["Up", "You", "Give", "To", "Going", "Never"]

Console

Hello

Dojo

Code Snippet 2

```
function hello() {  
    console.log('hello');  
    return 15;  
}  
var result = hello();  
console.log('result is', result);
```

Var	Value
result	hello 15

Console

hello

result is 15

Code Snippet 3

```
function numPlus(num) {  
    console.log('num is', num);  
    return num+15;  
}  
var result = numPlus(3);  
console.log('x is', result);
```

Var	Value
result	num is 3 18

Console

num is 3

x is 18

Code Snippet 4

```
var num = 15;
console.log(num);
function logAndReturn(num){
    console.log(num);
    return num;
}
var result = logAndReturn(10);
console.log(result);
console.log(num);
```

Var	Value
num	15
result	10
	10

Console

15
10
10
15

Code Snippet 5

```
var num = 15;
console.log(num);
function timesTwo(num){
    console.log(num);
    return num*2;
}
var result = timesTwo(10);
console.log(result);
console.log(num);
```

Var	Value
num	15
result	10
	20

Console

15
10
20
15

Code Snippet 6

```
function timesTwoAgain(num) {  
  console.log('num is', num);  
  y = num*2;  
  return y;  
}  
var result = timesTwoAgain(3) + timesTwoAgain(5);  
console.log('result is', result);
```

Var	Value		
result	num is 3 6	num is 3 num is 5 10	num is 3 num is 5 16
num	3	5	
y	6	10	

Console

```
num is 3  
num is 5  
result is 16
```

Code Snippet 7

```
function sumNums(num1, num2) {  
  return num1+num2;  
}  
console.log(sumNums(2,3))  
console.log(sumNums(3,5))
```

Var	Value	
num1	2	3
num2	3	5

Console

```
5  
8
```

Code Snippet 8

```
function printSumNums(num1, num2) {  
  console.log(num1);  
  return num1+num2;  
}  
console.log(printSumNums(2,3))  
console.log(printSumNums(3,5))
```

Var	Value	
num1	2	3
num2	3	5

Console

```
2  
5  
3  
8
```

Code Snippet 9

```
function sumNums(num1, num2) {  
  var sum = num1 + num2;  
  console.log('sum is', sum);  
  return sum;  
}  
var result = sumNums(2,3) + sumNums(3,5);  
console.log('result is', result);
```

Var	Value	
result	sum is 5 5	sum is 5 sum is 8 13
num1	2	3
num2	3	5
sum	5	8

Console

sum is 5
sum is 8
result is 13

Code Snippet 10

```
function sumNums(num1, num2) {  
  var sum = num1 + num2;  
  console.log('sum is', sum);  
  return sum;  
}  
var result = sumNums(2,3) + sumNums(3,sumNums(2,1)) +  
sumNums(sumNums(2,1),sumNums(2,3));  
console.log('result is', result);
```

Var	Value						
result	sum is 5 5	sum is 5 sum is 3 3	sum is 5 sum is 3 sum is 6 11	sum is 5 sum is 3 sum is 6 sum is 3 3	sum is 5 sum is 3 sum is 6 sum is 3 sum is 5 5	sum is 5 sum is 3 sum is 6 sum is 3 sum is 5 sum is 8 8	sum is 5 sum is 3 sum is 6 sum is 3 sum is 5 sum is 8 19
num1	2	2	3	2	2	3	
num2	3	1	3	1	3	5	
sum	5	3	6	3	5	8	

Console

sum is 5
sum is 3
sum is 6
sum is 3
sum is 5
sum is 8
result is 19