

Challenge 1

```

[0] [1] [2] [3] [4] [5]
var arr = ["Up", "You", "Give", "To", "Going", "Never"];
for (var i = arr.length - 1; i > 0; i = i - 1) {
  console.log(arr[i]);
}

```

Var	Val	Log
arr.length	6	[5] Never
arr.length - 1	[5] so ->	[4] Going
		[3] To
		[2] Give
		[1] You
		[0] Up

Challenge 2

```

[0] [1] [2] [3] [4] [5] [6] [7] [8] [9]
var arr = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];
var sum = 0;
for (var i = 1; i < arr.length; i = i + 2) {
  sum = sum + arr[i];
  console.log(arr[i]);
  console.log(sum);
}

```

Log = 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

8 < 7 so 6

Var	Val
arr.length	10
sum	sum + arr[1] = 0 + 2 = 2
sum	sum + arr[3] = 2 + 4 = 6
sum	sum + arr[5] = 6 + 6 = 12
sum	sum + arr[7] = 12 + 8 = 20
sum	sum + arr[9] = 20 + 10 = 30

Challenge 3

```

[0] [1] [2] [3] [4] [5] [6]
var arr = [8, 2, 0, 6, 12, 4, 3];
for (var i = 0; i < arr.length; i++) {
  if (arr[i] >= 6) {
    console.log(true);
  }
}

```

Log = true, true

Var	Val
arr.length	7
[0]	8 >= 6 true
[1]	2 >= 6 false
[2]	0 >= 6 false
[3]	6 >= 6 true
[4]	12 >= 6 true
[5]	4 >= 6 false
[6]	3 >= 6 false