**Challenge 1**

var arr = ["Up", "You", "Give", "To", "Going", "Never"];

for(var i = arr.length-1; i >= 0; i = i - 1) {

console.log(arr[i]);

}

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Value | | | | | | | Var |
| ['Up', 'You', 'Give', 'To', 'Going', 'Never'] | | | | | | | arr |
| -1 | 0 | 1 | 2 | 3 | 4 | 5 | i |

**Console**

Never

Going

To

Give

You

Up

**Challenge 2**

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);

}

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Value | | | | | | Var |
| [1, 2, 3, 4, 5, 6, 7, 8, 9, 10] | | | | | | arr |
| 30 | 20 | 12 | 6 | 2 | 0 | sum |
| 11 | 9 | 7 | 5 | 3 | 1 | i |

**Console**

2

2

4

6

6

12

8

20

10

30

**Challenge 3**

var arr = [8, 2, 0, 6, 12, 4, 3];

for(var i = 0; i < arr.length; i++){

if(arr[i] >= 6) {

console.log(true);

}

}

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Value | | | | | | | | Var |
| [8, 2, 0, 6, 12, 4, 3] | | | | | | | | arr |
| 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | i |

**Console**

true

true

true