var arr = [8,6,7,5,3,0,9]

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

    console.log(arr[i]);

}

|  |  |
| --- | --- |
| i | 0/1/2/3/4/5/6 |
| Arr[i] | 8/6/7/5/3/0/9 |

Output: [8,6,7,5,3,0,9]

///////////////////////////////////

var arr = [7,3,8,4,2,0,1];

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

    if(arr[i] % 2 == 0){

        console.log(arr[i]);

    }

    else{

        console.log("That is odd!");

    }

}

|  |  |
| --- | --- |
| i | 0/1/2/3/4/5/6 |
| Arr[i] | 8/4/2 |

Output: [8,4,2]

/////////////////////////

var arr = [1,3,8,-5,0,-2,4,-1];

var newArr = [];

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

    if(arr[i] < 0){

        newArr.push(arr[i]);

        arr[i] = arr[i] \* -1;

    }

    else if(arr[i] == 0){

        arr[i] = "Zero";

    }

    else{

        arr[i] = arr[i] \* -1;

    }

}

console.log(arr);

console.log(newArr);

|  |  |
| --- | --- |
| i | 0/1/2/3/4/5/6/7 |
| Arr[i] | -1/-3/-8/5/0/2/-4/1 |
| newArr[i] | -5/-2/-1 |

Output: [-1,-3,-8,5,0,2,-4,1],[-5,-2,-1]