

```
1 // array to sort
2 var array = [9, 2, 5, 6, 4, 3, 7, 10, 1, 8];
3
4 function insertionSort(array) {
5     for(var i = 0; i < array.length; i++) {
6         var temp = array[i];
7         var j = i - 1;
8         while (j >= 0 && array[j] > temp) {
9             array[j + 1] = array[j];
10            j--;
11        }
12        array[j + 1] = temp;
13    }
14    return array;
15 }
16
17 console.log(insertionSort(array)); // => [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 ]
18
```