

```
1 // array to sort
2 var array = [9, 2, 5, 6, 4, 3, 7, 10, 1, 8];
3
4 // swap function helper
5 function swap(array, i, j) {
6     var temp = array[i];
7     array[i] = array[j];
8     array[j] = temp;
9 }
10
11 function selectionSort(array) {
12     for(var i = 0; i < array.length; i++) {
13         var min = i;
14         for(var j = i + 1; j < array.length; j++) {
15             if(array[j] < array[min]) {
16                 min = j;
17             }
18         }
19         if(i !== min) {
20             swap(array, i, min);
21         }
22     }
23     return array;
24 }
25
26 console.log(selectionSort(array)); // => [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 ]
27
```