

```
1 // array to sort
2 const array = [9, 2, 5, 6, 4, 3, 7, 10, 1, 8];
3
4 function insertionSort(array) {
5   for(let i = 0; i < array.length; i++) {
6     let temp = array[i];
7     let 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
```