

**2.1-2.**

Rewrite the INSERTION-SORT procedure to sort into nonincreasing instead of decreasing order.

**Answer.**

```
INSERTION-SORT'(A)
1  for  $j=2$  to  $A.length$ 
2       $key = A[j]$ 
3      // Insert  $A[j]$  into the sorted sequence  $A[1..j-1]$ .
4       $i = j - 1$ 
5      while  $i > 0$  and  $A[i] < key$ 
6           $A[i+1] = A[i]$ 
7           $i = i - 1$ 
8       $A[i+1] = key$ 
```

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