```
1: procedure Insertion-Sort(A)
2: for i = 2 ... A.length do
```

i = i - 1

i = i - 1

A[i+1] = k

4:

5:

6:

7:

8:

2: **for**
$$j=2\dots A.$$
length **do**
3: $k=A[j]$

A[i+1] = A[i]

while i > 0 and A[i] > k do