```
INSERTION-SORT(A, n)
  for i = 2 to n
      kev = A[i]
2
      // Insert A[i] into the sorted subarray A[1:i-1].
      i = i - 1
      while j > 0 and A[j] > kev
          A[j+1] = A[j]
          i = i - 1
      A[i+1] = key
```