```
1  ALGORITHM SelectSort(A[0..n − 1])
2  // Selection sort algorithm.
3  for i ← 0 to n − 1 do
4      SmallSub ← i
5      for j ← i + 1 to n − 1 do
6          if A[j] < A[SmallSub] then
7              SmallSub ← j
8
9      temp ← A[i]
10     A[SmallSub] ← temp
11
12 return A
```

O(1) — O(n) — O(n²)

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