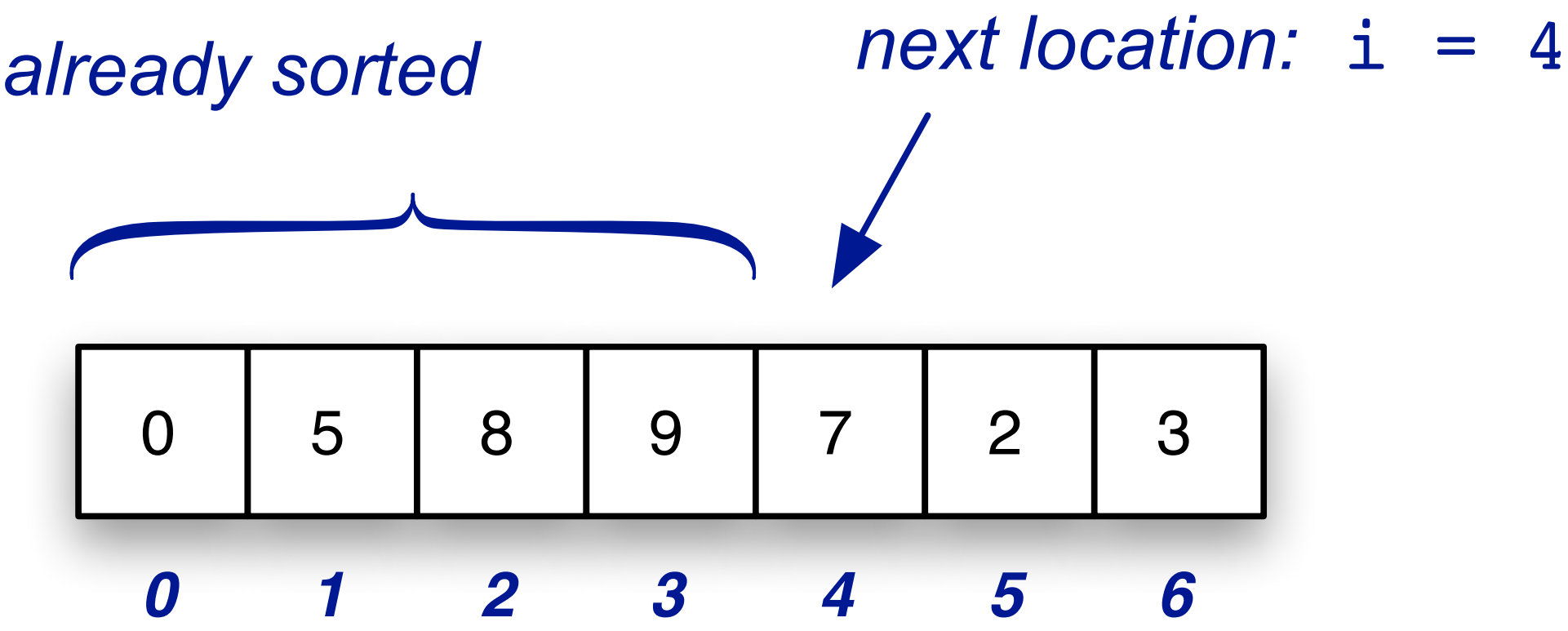

already sorted
next location: i = 4
0
5
8
9
7
2
3
0
1
2
3
4
5
6