

2.1.3

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2.1.3 Give an example of an array of N items that maximizes the number of times the test $a[j] < a[\text{min}]$ fails (and, therefore, min gets updated) during the operation of selection sort (ALGORITHM 2.1).

according to algorithm 2.1

min is initialized to 0

and j is initialized to 1

$a[] = \{ 1, 2, 3, 4, 5 \}$