

Exercício 9

QuickSort

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

3-4-9-2-5-8-2-1-7-11-6-2-9-8-5-1

esq.: 0
dir.: 15
pivô: 3

3-1-9-2-5-8-2-1-7-4-6-2-9-8-5-4

3-1-2-2-5-8-2-1-7-4-6-9-9-8-5-4

3-1-2-2-1-8-7-5-7-4-6-9-9-8-5-4

3-1-2-2-1-2-5-5-7-4-6-9-9-8-5-4

dir. esq.

2-1-2-2-1-3-8-5-7-4-6-9-9-8-5-4

esq.: 0
dir.: 4
pivô: 2

2-1-2-2-1

8-5-7-4-6-4-9-8-5-9

8-5-7-4-6-4-5-8-9-9

5-5-7-4-6-4-8-8-9-9

5-5-4-4-6-7

4-5-4-5-6-7

Ordenado: 1-1-1-2-2-2-4-4-5-5-6-7-8-9-9