

FRANCISCO MORAIS

1) ORDENAR O VETOR $V = [9, 2, 8, 1, 7, 0, 5]$ USANDO INSERTION SORT.

9 2 8 1 7 0 5

2 9 8 1 7 0 5

2 8 9 1 7 0 5

2 8 1 9 7 0 5

2 1 8 9 7 0 5

1 2 8 9 7 0 5

1 2 8 7 9 0 5

1 2 7 8 9 0 5

1 2 7 8 0 9 5

1 2 7 0 8 9 5

1 2 0 7 8 9 5

1 0 2 7 8 9 5

0 1 2 7 8 9 5

0 1 2 7 8 5 9

0 1 2 7 5 8 9

0 1 2 5 7 8 9

0 1 2 5 7 8 9

2) ORDENAR O VETOR $V = ['S', 'A', 'T', 'U', 'R', 'N', 'O']$ USANDO
INSERTION SORT.

S A T U R N O
 A S T U R N O
 A S T R U N O
 A S R T U N O
 A R S T U N O
 A R S T N U O
 A R S N T U O
 A R N S T U O
 A N R S T U O
 A N R S T O U
 A N R S O T U
 A N R O S T U
 A N O R S T U

3) ORDENAR O VETOR $V = [6, 3, 4, 5, 1, 2, 5]$ USANDO
SELECTION SORT

6, 3, 4, 5, 1, 2, 5
 1, 3, 4, 5, 6, 2, 5
 1, 2, 4, 5, 6, 3, 5
 1, 2, 3, 5, 6, 4, 5
 1, 2, 3, 4, 6, 5, 5
 1, 2, 3, 4, 5, 6, 5
 1, 2, 3, 4, 5, 5, 6

4) ORDENAR O VETOR $v = ['J', 'U', 'P', 'i', 'T', 'E', 'R']$ USANDO SELECTION SORT.

J	U	P	i	T	E	R
E	U	P	i	T	J	R
E	i	P	U	T	J	R
E	i	J	U	T	P	R
E	i	J	P	T	U	R
E	i	J	P	R	U	T
E	i	J	P	R	T	U