Selection sort

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Compare the elements , Check if selected pos element is greater than the pos. if yes, then swap the elements

Iteration 1

[0]	[1]	[2]	[3]	[4]	[5]
30	20	60	50	10	40

Sel_pos   pos

30 > 20 ? Yes -> swap

[0]	[1]	[2]	[3]	[4]	[5]
20	30	60	50	10	40

sel_pos   pos

20 > 60 ? no

[0]	[1]	[2]	[3]	[4]	[5]
20	30	60	50	10	40

sel_pos   pos

20 > 50 ? no

[0]	[1]	[2]	[3]	[4]	[5]
20	30	60	50	10	40

sel_pos   pos

20 > 10 ? Yes -> swap

[0]	[1]	[2]	[3]	[4]	[5]
10	30	60	50	20	40

sel_pos   pos

10 > 40 ? no

[0]	[1]	[2]	[3]	[4]	[5]
10	30	60	50	20	40

sel_pos

Iteration2

[0]	[1]	[2]	[3]	[4]	[5]
10	30	60	50	20	40

Sel_pos   pos

30 > 60 ? no

[0]	[1]	[2]	[3]	[4]	[5]
10	30	60	50	20	40

Sel_pos   pos

30 > 50 ? no

[0]	[1]	[2]	[3]	[4]	[5]
10	30	60	50	20	40

Sel_pos   pos

30 > 20 ? Yes -> swap

[0]	[1]	[2]	[3]	[4]	[5]
10	20	60	50	30	40

Sel_pos   pos

20 > 40 ? no

[0]	[1]	[2]	[3]	[4]	[5]
10	20	60	50	30	40

Iteration 3

[0]	[1]	[2]	[3]	[4]	[5]
10	20	60	50	30	40

Sel_pos   pos

60 > 50 ? Yes -> swap

[0]	[1]	[2]	[3]	[4]	[5]
10	20	50	60	30	40

Sel_pos   pos

50 > 30 ? Yes -> swap

	[0]	[1]	[2]	[3]	[4]	[5]
	10	20	30	60	50	40

Sel_pos   pos

30 > 40 ? no

	[0]	[1]	[2]	[3]	[4]	[5]
	10	20	30	60	50	40

Iteration 4

	[0]	[1]	[2]	[3]	[4]	[5]
	10	20	30	60	50	40

Sel_pos   pos

60 > 50 ? Yes -> swap

	[0]	[1]	[2]	[3]	[4]	[5]
	10	20	30	50	60	40

Sel_pos   pos

50 > 40 ? Yes -> swap

	[0]	[1]	[2]	[3]	[4]	[5]
	10	20	30	40	60	50

Iteration 5

	[0]	[1]	[2]	[3]	[4]	[5]
	10	20	30	40	60	50

Sel_pos   pos

60 > 50 ? Yes -> swap

	[0]	[1]	[2]	[3]	[4]	[5]
	10	20	30	40	50	60

Sel_pos