Iteration : 1

[0] > [1]

[1] > [2]

[2] > [3]

[3] > [4]

[4] > [5]

5 comps

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

Pos   pos+1

30 > 20 ? swap

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

Pos   pos+1

30 > 60 ? no

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

Pos   pos+1

60 > 50 ? Yes swap

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

Pos   pos+1

60 > 10 ? Yes swap

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

Pos   pos+1

60 > 40 ? Yes swap

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

Iteration/cycle/pass : 2

[0] > [1]

[1] > [2]

[2] > [3]

[3] > [4]

4 comps

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

Pos   pos+1

20 > 30 ? no

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

Pos   pos+1

30 > 50 ? No

[0]	[1]	[2]	[3]	[4]	[5]

50 > 10 ? Yes

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

Pos   pos+1

50 > 10 ? Yes
swap

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

Pos   pos+1

50 > 40 ? Yes
swap

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

Iteration : 3

[0] > [1]

[1] > [2]

[2] > [3]

3 comps.

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

Pos   pos+1

20 > 30 ? no

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

Pos   pos+1

30 > 10 ? Yes
swap

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

Pos   pos+1

30 > 40 ? no

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

Iteration : 4

[0] > [1]

[1] > [2]

2 Comps.

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

Pos   pos+1

Arr[pos] > arr[pos+1]

Arr[0] > arr[0+1]
Yes
swap

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

Pos   pos+1

20 > 30 ? no

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

Iteration : 5

$[0] > [1]$

1 comp.

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

Pos   pos+1

10 > 20 ? no

No. Of Iterations : n-1 : 6-1 : 5

No. Of Comparisons : 5 + 4+ 3+2 +1 = 15