Selection Sort

4 2 6 8

-	j	min	temp	A[0]	A[1]	A[2]	A [3]
0				4	2	6	8
		0		_			
	1						
		1					
	2						
	3						
			2				
					4		
				2			

1st iteration of For loop 1
A[0] is the smallest number
1st iteration of For loop 2
A[1] < A[0] so smallest=A[1]
2nd iteration of For loop 2
3rd iteration of For loop 2
temp holds index of smallest number put value of A[0] into A[1]
put min value(temp) into A[0]

Bubble Sort

1 3 7 5

i	j	temp	A[0]	A[1]	A[2]	A[3]