Insertion Sort										
0 1			4	5	6	7	8	9		
9 -2	 2	 9	 -9	 6	8	 13	 11	-3		
-2 9	2	9	-9	6	8	13	11	-3		
-2 2		9	-9	6	8	13	11	-3		
-2 2	9	9	-9	6	8	13		-3		
-9 -2	2	9	9	6	8	13	11	-3		
-9 -2	2	6	9	9	8	13	11	-3		
-9 -2	2	6	8	9	9	13	11	-3		
-9 -2	2	6	8	9	9	13	11	-3		
-9 -2	2	6	8	9	9	11	13	-3		
-9 -3	-2	2	6	8	9	9	11	13		
Selection Sort										
0 1	2	3	4	5	6	7	8	9		
9 -2	2	9	-9	6	8	13	11	-3		
-9 -2	2	9	9	6	8	13	11	-3		
-9 -3	2	9	9	6	8	13	11	-2		
-9 -3	-2	9	9	6	8	13	11	2		
-9 -3	-2	2	9	6	8	13	11	9		
-9 -3	-2	2	6	9	8	13	11	9		
-9 -3	-2	2	6	8	9	13	11	9		
-9 -3	-2	2	6	8	9	13	11	9		
-9 -3	-2	2	6	8	9	9	11	13		
-9 -3	-2	2	6	8	9	9	11	13		
Excha	nge S	01	ct							
0 1	2	3	4	5	6	7	8	9		
9 -2		 9			. – – -	12	 11			
-2 2		9	-9 6	6 8	8 9	11	11 -3			
-2 2 -2 2		<i>9</i>	8		9	-3	-3 11	13		
-2 -2 -2 -9				9	-3		11	13		
		6	8	9		9				
		6	8	-3 •	9	9	11 11	13		
		6	-3 -	8	9	9		13		
		3	6	8	9	9	11	13		
		2	6	8	9	9	11	13		
		2	6	8	9	9	11	13		
-9 -3	-2	2	6	8	9	9	11	13		

Insertion sort Selection sort Exchange sort Shell sort Counting sort

Counting Sort

	0	1	2	3	4	5	6	7	8	3 9	10	11	L 12
	10	8	7	4	6	10	5	5	1	L 7	7 4	1 9	9 10
C1:	0	0	0	0	0	0	0	0	0	0	0		
C2:	0	1	0	0	2	2	1	2	1	1	3		
C3:	0	1	1	1	3	5	6	8	9	10	13		
	0	1	1	1	3	5	6	8	9	10	12	-	
В	0	0	0	0	0	0	0	0	0	0	0	0	10
	0	1	1	1	3	5	6	8	9	9	12	-	
В	0	0	0	0	0	0	0	0	0	9	0	0	10
	0	1	1	1	2	5	6	8	9	9	12	-	
В	0	0	4	0	0	0	0	0	0	9	0	0	10
	0	1	1	1	2	5	6	7	9	9	12	-	
В	0	0	4	0	0	0	0	7	0	9	0	0	10
	0	0	1	1	2	5	6	7	9	9	12	-	
В	1	0	4	0	0	0	0	7	0	9	0	0	10
	0	0	1	1	2	4	6	7	9	9	12	-	
В	1	0	4	0	5	0	0	7	0	9	0	0	10
	0	0	1	1	2	3	6	7	9	9	12	-	
В	1	0	4	5	5	0	0	7	0	9	0	0	10
	0	0	1	1	2	3	6	7	9	9	11	-	
В	1	0	4	5	5	0	0	7	0	9	0	10	10
	0	0	1	1	2	3	5	7	9	9	11	-	
В	1	0	4	5	5	6	0	7	0	9	0	10	10
	0	0	1	1	1	3	5	7	9	9	11	-	
В	1	4	4	5	5	6	0	7	0	9	0	10	10
	0	0	1	1	1	3	5	6	9	9	11	-	
В	1	4	4	5	5	6	7	7	0	9	0	10	10
	0	0	1	1	1	3	5	6	8	9	11	-	
В	1	4	4	5	5	6	7	7	8	9	0	10	10
	0	0	1	1	1	3	5	6	8	9	10	-	
В	1	4	4	5	5	6	7	7	8	9	10	10	10
B :	1	4	4	5	5	6	7	7	8	9	10	10	10