Insertion Sort										compari
0	1	2	3	4	5	6	7	8	9	,
										-
9	-2	2	9	-9	6	8	13	11	-3	nuoc
-2	9	2	9	-9	6	8	13	11	-3	
-2	2	9	9	-9	6	8	13	11	-3	
-2	2	9	9	-9	6	8	13	11	-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	
Exc	char	ıge	Son	rt.						
0	1	2	3	4	5	6	7	8	9	
										•
9	-2	2	9	-9	6	8	13	11	-3	
-2	2	9	-9	6	8	9	11	-3	13	
-2	2	-9	6	8	9	9	-3	11	13	
-2	-9	2	6	8	9	-3	9	11	13	
-9	-2	2	6	8	-3	9	9	11	13	
-9	-2	2	6	-3	8	9	9	11	13	
-9	-2	2	-3	6	8	9	9	11	13	
		-3	2	6	8	9	9	11	13	
-9	-3	-2	2	6	8	9	9	11	13	
-9	-3	-2	2	6	8	9	9	11	13	

Insertion sort
Selection sort
Exchange sort(bubble)
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