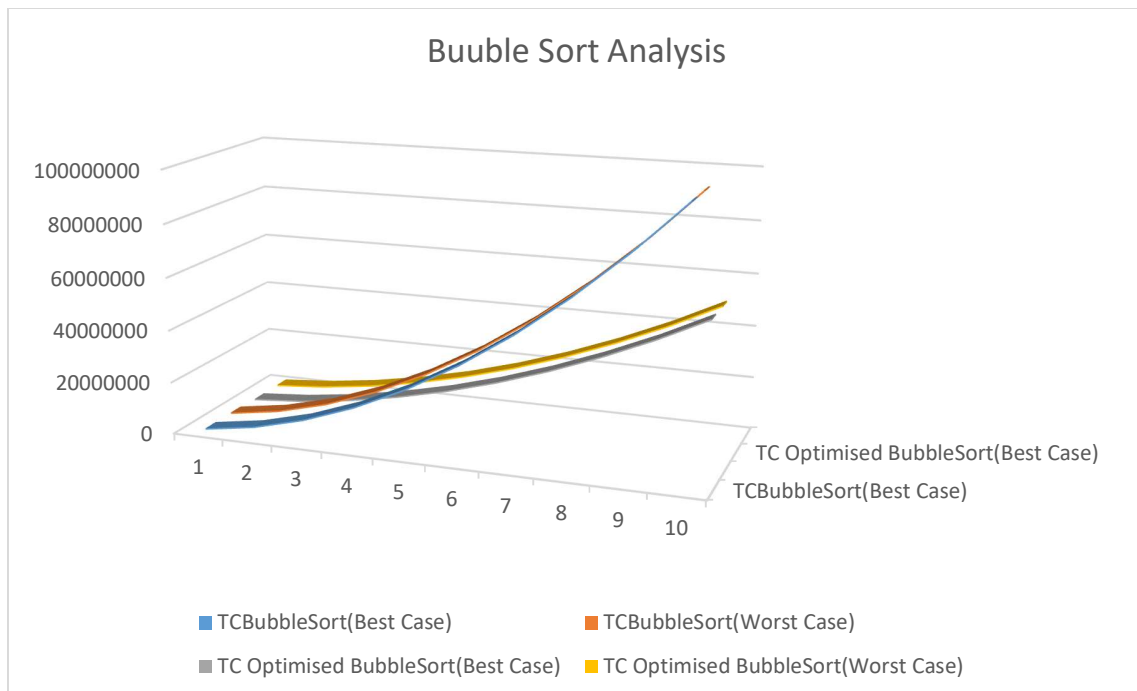


NAME: SANKARSHAN KAR ROLL: 2005126 SECTION: CSE-18

BUBBLE SORT.

TC Bubble Sort (Best Case)	TC Bubble Sort (Worst case)	TC Optimised Bubble Sort (Best case)	TC Optimised Bubble Sort (Worst case)
1000000	1000000	500500	500500
4000000	4000000	2001000	2001000
9000000	9000000	4501500	4501500
16000000	16000000	8002000	8002000
25000000	25000000	12502500	12502500
36000000	36000000	18003000	18003000
49000000	49000000	24503500	24503500
64000000	64000000	32004000	32004000
81000000	81000000	40504500	40504500
100000000	100000000	50005000	50005000



SELECTION SORT.

TC Selection Sort (Best Case)	TC Selection Sort (Worst case)	TC Optimised Selection Sort (Best case)	TC Optimised Selection Sort (Worst case)
500499	500499	251000	251000
2000999	2000999	1002000	1002000
4501499	4501499	2253000	2253000
8001999	8001999	4004000	4004000
12502499	12502499	6255000	6255000
18002999	18002999	9006000	9006000
24503499	24503499	12257000	12257000
32003999	32003999	16008000	16008000
40504499	40504499	20259000	20259000
50004999	50004999	25010000	25010000

