Sl. No.	Value of n	Time Complexity		
		Sorted Data	Random Data	Reversely Sorted Data
1	5000	0	0.001	0
2	10000	0.002	0.002	0.001
3	15000	0.003	0.002	0.002
4	20000	0.005	0.005	0.003
5	25000	0.004	0.005	0.004
6	30000	0.005	0.004	0.005
7	35000	0.007	0.005	0.010
8	40000	0.009	0.007	0.008
9	45000	0.010	0.018	0.007
10	50000	0.010	0.013	0.007