

Input	Time Taken for Sorting	Cut-Off
10	0.000	5
100	0.007	50
1000	0.171	250
2500	0.492	312
5000	1.216	312
7500	1.400	234
10000	2.249	312
25000	6.907	390
50000	13.840	390
75000	18.393	292
100000	29.567	390

