

ANALYSIS OF BUBBLE SORT

SIZE OF LIST Vs EXECUTION TIME (in seconds)

SIZE OF LIST	EXECUTION TIME
1,00,000	29.715276
1,50,000	66.747879
2,00,000	119.948777
2,50,000	192.886889
3,00,000	268.580920
3,50,000	372.729988
4,00,000	479.327512
4,50,000	615.387781
5,00,000	752.980977
6,00,000	1080.104898
7,00,000	1461.786964
8,00,000	2207.009516
9,00,000	2427.711247
10,00,000	3003.326033