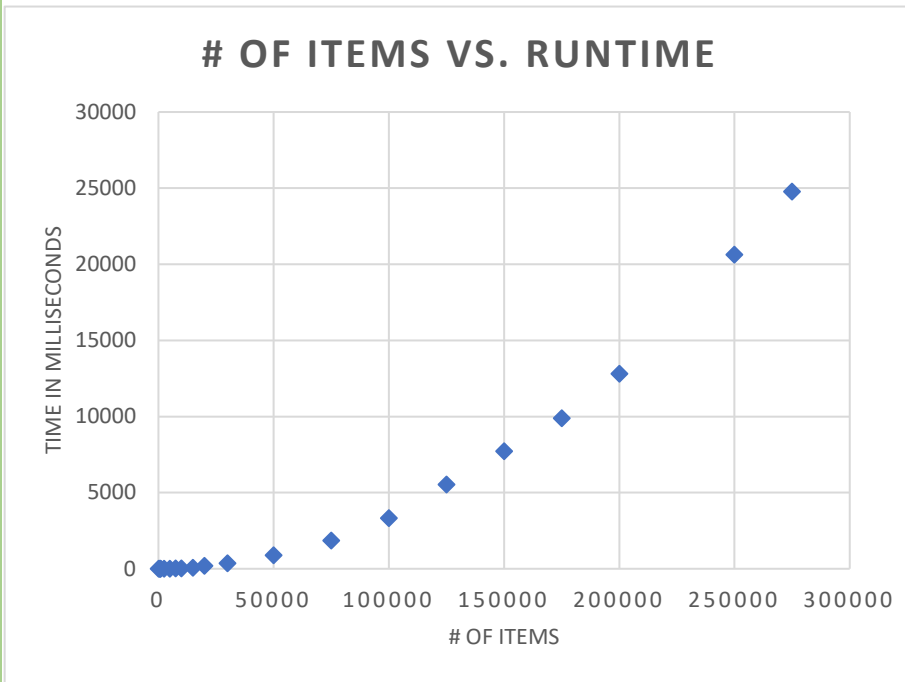


# of items	time in milliseconds
275000	24772
250000	20636
200000	12815
175000	9895
150000	7721
125000	5532
100000	3315
75000	1849
50000	877
30000	351
20000	191
15000	71
10000	33
7500	18
5000	9
2500	4
1000	2
750	0
500	1
100	0



Summary: I chose to do an insertion sort because it seemed like it would be easy to implement. From the plot I observed that the higher the numbers got the slower it would sort but not exactly linearly. It got slightly exponentially slower.