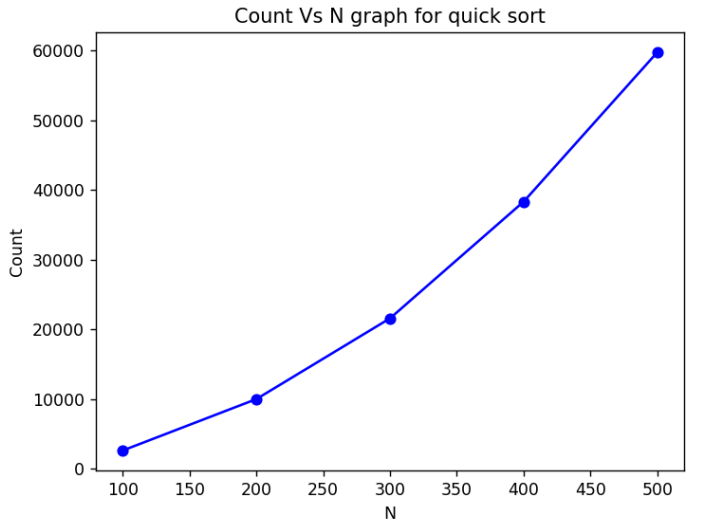
1. **Output and graph for insertion sort**

```
PS C:\Users\adith\Documents\bmsce\2nd year\4th sem\DAA\DAA_pratice_
rtion_sort.cpp -o insertion_sort } ; if ($?) { .\insertion_sort }
enter number of elements: 5
Select choice:
1. Enter manually
2. Random array
Enter choice: 1
enter array elements:
8 5 1 4 7
sorted array: 1 4 5 7 8
count: 6
```

Count vs N vs N^2 data

N	Count	Count/n	Count/n^2
10	18	1.8	0.18
100	2609	26.09	0.2609
1000	248594	248.594	0.248594
10000	24935268	2493.5268	0.24935268

N	Count
100	2609
200	9990
300	21583
400	38335
500	59776



2. Output for topological sort:

```
PS C:\Users\adith\Documents\bmsce\2nd year\4t
not git> cd "c:\Users\adith\Documents\bmsce\2
A_pratice_not git\" ; if ($?) { g++ topologic
ical_sort } ; if ($?) { .\topological_sort }
enter the number of nodes: 6
enter adjacency matrix:
0 0 1 1 0 0
0 0 0 1 1 0
0 0 0 1 0 1
0 0 0 0 0 1
0 0 0 0 0 1
0 0 0 0 0 0
sorted nodes order:
1
4
0
2
3
5
```