

CS 342 – Operating Systems
Project 1

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Q3)

Experiments for Part A:

N	M	Avarage Execution Time
100	10	4700 ms
100	20	5100 ms
100	30	5800 ms
100	40	6741 ms
100	50	10213 ms
1000	10	65000 ms
1000	20	60000 ms
1000	30	55000 ms
1000	40	50000 ms
1000	50	54500 ms
10000	10	3 s
10000	20	3.2 s
10000	30	2.8 s
10000	40	3 s
10000	50	2.5 s
100000	10	70 s
100000	20	60 s
100000	30	55 s
100000	40	58 s
100000	50	52 s
1000000	10	About 20 mins
1000000	20	About 18 mins
1000000	30	About 20 mins
1000000	40	About 15 mins
1000000	50	About 17 mins