ALGORITHM 1 ANALYSIS

N	Runtime (ms)
1000	5
2000	2
4000	7
8000	34
16000	119
32000	474
64000	1914

ALGORITHM 2 ANALYSIS

N	Runtime (ms)
1000	3
2000	3
4000	7
8000	15
16000	63
32000	251
64000	998

ALGORITHM 3 ANALYSIS

N	Runtime (ms)
1000	0
8000	0
64000	0
512000	0
4e+6	2
3.3e+7	15
2.6e+8	119

HARDWARE :

Processor	Intel(R) Core(TM) i9-10900K CPU @ 3.70GHz 3.70 GHz
Installed RAM	16.0 GB (15.9 GB usable)

Asus GeForce GTX 1050 Ti 4 GB Phoenix Video Card

Current Software load :