

NIHAL UZUNYAYLA 19050111018

CENG342-HW3 REPORT

LARGE MATRIX → $19050111018 \% 10000 = 1018$

SMALL MATRIX → $19050111018 \% 100 + 100 = 118$

Matrix Size	Cores	Time (seconds)	Speed-up	Efficiency
118x118	1	0.000149	1.000	1.000
118x118	2	0.000079	1.886	0.943
118x118	3	0.000063	2.365	0.788
118x118	4	0.000062	2.403	0.601
1018x1018	1	0.003698	1.000	1.000
1018x1018	2	0.001700	2.171	1.085
1018x1018	3	0.000995	3.712	1.237
1018x1018	4	0.000981	3.767	0.942