Assignment 1 CUDA Report
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N	R	N_Threads	Number of Threads Blocks	Sequential Execution Time (S) (in seconds)	CUDA Kernel Execution Time (P) (in seconds)	Speed Up (S/P)
1024	32	1024	1	**0.000114**	**0.000209**	**0.5454**
2048	32	1024	2	**0.000201**	**0.000201**	**1**
4096	32	1024	4	**0.000399**	**0.000211**	**1.8909**
8192	32	1024	8	**0.000729**	**0.00022**	**3.3136**
16384	32	1024	16	**0.001602**	**0.000266**	**6.0225**
32768	32	1024	32	**0.002815**	**0.000354**	**7.9519**
65536	32	1024	64	**0.006352**	**0.000413**	**15.3801**
131072	32	1024	128	**0.013809**	**0.00068**	**20.30**