Speed Up (CPU-GPU)

1 represents for 4 blocks and 500 threads per block

2 represents for 8 blocks and 500 threads per block

...

```
[ym2360@cuda4 lab1]$ ./vectorprog 10000000
Each vector will have 10000000 elements
Total time taken by the sequential part = 0.030000
Total time taken by the GPU part = 0.130000


[ym2360@cuda4 lab1]$ nvcc -o vectorprog vectors.cu -lm
[ym2360@cuda4 lab1]$ ./vectorprog 10000000
Each vector will have 10000000 elements
Total time taken by the sequential part = 0.020000
Total time taken by the GPU part = 0.160000


[ym2360@cuda4 lab1]$ nvcc -o vectorprog vectors.cu -lm
[ym2360@cuda4 lab1]$ ./vectorprog 10000000
Each vector will have 10000000 elements
Total time taken by the sequential part = 0.030000
Total time taken by the GPU part = 0.170000


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[ym2360@cuda4 lab1]$ ./vectorprog 10000000
Each vector will have 10000000 elements
Total time taken by the sequential part = 0.030000
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