Project #0 Writeup

1. I ran this on the FLIP server
2. Performance Results

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| --- | --- | --- |
| NUMT | Peak Performance | Average Performance |
| 1 | 1012.32 MegaMults/Sec | 945.02 MegaMults/Sec |
| 4 | 3764.13 MegaMults/Sec | 3441.65 MegaMults/Sec |

1. Speed-up =
2. Based on the Speed up value, the program speeds up 3.64 when you use 4 threads compared to running it on one thread. This makes sense because, you are able to distribute the program across 4 threads reducing the time to execute. So, the execution would speed up.

