**Homework #2 (ReadMe)**

**Wooseok Kim**

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| Matrix Size (n) | Number of threads (p) | Serial execution time | Parallel Execution time | Speedup |
| 10 | 2 | 14813 | 449 | 32.99 |
| 30 | 2 | 27879 | 434 | 64.24 |
| 50 | 2 | 34805 | 420 | 82.87 |
| 75 | 2 | 85518 | 413 | 207.07 |
| 100 | 2 | 106152 | 449 | 236.42 |
| 200 | 2 | 283457 | 495 | 572.64 |
| 300 | 2 | 702191 | 450 | 1560.42 |
| 400 | 2 | 1317597 | 465 | 2833.54 |
| 500 | 2 | 2290977 | 591 | 3876.44 |