Part 2

|  |  |  |  |
| --- | --- | --- | --- |
| Number (Summing upto this number) | #Times executed (# of threads) p | Serial execution time (microseconds) | Parallel execution time (microseconds) |
| 1000 | 2 | 16 | 377 |
| 10000 | 2 | 128 | 369 |
| 100000 | 2 | 1298 | 384 |
| 1000000 | 2 | 12948 | 398 |
| 1000 | 8 | 55 | 1553 |
| 10000 | 8 | 528 | 1362 |
| 100000 | 8 | 5135 | 1045 |
| 1000000 | 8 | 51113 | 902 |
| 1000 | 16 | 103 | 2925 |
| 10000 | 16 | 1030 | 2980 |
| 100000 | 16 | 10445 | 5934 |
| 1000000 | 16 | 101855 | 1646 |
| 1000 | 36 | 229 | 4395 |
| 10000 | 36 | 2306 | 4794 |
| 100000 | 36 | 23123 | 9520 |
| 1000000 | 36 | 230257 | 2869 |