|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| HW2Q4 |  |  |  |  |  |
| K | T | SPEEDUP | EFF | T(N,1) |  |
| SEQ | 431 |  |  |  |  |
| 1 | 276 | 1.561594 | 1.561594 | 276 |  |
| 2 | 289 | 1.491349 | 0.745675 | 276 | 1.094203 |
| 3 | 298 | 1.446309 | 0.482103 | 276 | 1.119565 |
| 4 | 316 | 1.363924 | 0.340981 | 276 | 1.193237 |
| 5 | 322 | 1.338509 | 0.267702 | 276 | 1.208333 |
| 6 | 336 | 1.282738 | 0.21379 | 276 | 1.26087 |
| 7 | 353 | 1.220963 | 0.174423 | 276 | 1.325483 |
| 8 | 372 | 1.158602 | 0.144825 | 276 | 1.397516 |

Sequential program:

% java hw2q4seq 3000 3

Parallel program:

% java -Dpj.nt=8 hw2q4smp 3000 3