Open MP

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CSCI 364 In-Class Assignment

Executed using the Talon Cluster – 8 threads

Changing the value of OMP\_PLACES To find the fastest and slowest option

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Program** | **Setting used for best time** | **Time**  **(ms)** | **Setting used for worst time** | **Time**  **(ms)** |
| *Pisync.cpp* | Cores | 0.0249181 | Sockets | 0.02791 |
| *Piredux1.cpp* | Sockets | 0.0231518 | Threads | 0.0269531 |
| *Piredux2.cpp* | Sockets | 0.0231743 | Cores | 0.0275311 |
| *Piredux3.cpp* | Cores | 0.0275311 | Sockets | 0.0272898 |
| *Pireduxbad.cpp* | Threads | 0.108445 | Cores | 0.151434 |