C++ Static

|  |  |  |
| --- | --- | --- |
| Tip Matrice | Nr Threads | Timp Executie |
|  |  |  |
| 10x10 -3 | Secvential | 0.013 |
|  | 4 | 0.90 |
|  |  |  |
| 1000x1000 -5 | Secvential | 42 |
|  | 2 | 23 |
|  | 4 | 13 |
|  | 8 | 12 |
|  | 16 | 12 |
|  |  |  |
| 10x10000 -5 | Secvential | 4.2 |
|  | 2 | 3.8 |
|  | 4 | 2.9 |
|  | 8 | 2.8 |
|  | 16 | 2.9 |
|  |  |  |
| 10000x10 -5 | Secvential | 13.5 |
|  | 2 | 8.5 |
|  | 4 | 5 |
|  | 8 | 4.4 |
|  | 16 | 4 |
|  |  |  |
| 10000x10000 -5 | Secvential | 4044 |
|  | 2 | 2400 |
|  | 4 | 1300 |
|  | 8 | 1100 |
|  | 16 | 1000 |

C++ Dinamic

|  |  |  |
| --- | --- | --- |
| Tip Matrice | Nr Threads | Timp Executie |
|  |  |  |
| 10x10 -3 | Secvential | 0.0022 |
|  | 4 | 0.83 |
|  |  |  |
| 1000x1000 -5 | Secvential | 40.83 |
|  | 2 | 23.1 |
|  | 4 | 11.90 |
|  | 8 | 12.60 |
|  | 16 | 12.93 |
|  |  |  |
| 10x10000 -5 | Secvential | 4.22 |
|  | 2 | 3.30 |
|  | 4 | 3.20 |
|  | 8 | 2.95 |
|  | 16 | 2.76 |
|  |  |  |
| 10000x10 -5 | Secvential | 4.40 |
|  | 2 | 3.60 |
|  | 4 | 2.40 |
|  | 8 | 2.30 |
|  | 16 | 2.40 |
|  |  |  |
| 10000x10000 -5 | Secvential | 4055 |
|  | 2 | 2900 |
|  | 4 | 1500 |
|  | 8 | 1050 |
|  | 16 | 900 |

Java

|  |  |  |
| --- | --- | --- |
| Tip Matrice | Nr Threads | Timp Executie |
|  |  |  |
| 10x10 -3 | Secvential | 0.0 |
|  | 4 | 1 |
|  |  |  |
| 1000x1000 -5 | Secvential | 36 |
|  | 2 | 47 |
|  | 4 | 44 |
|  | 8 | 44 |
|  | 16 | 55 |
|  |  |  |
| 10x10000 -5 | Secvential | 25 |
|  | 2 | 37 |
|  | 4 | 34 |
|  | 8 | 32 |
|  | 16 | 36 |
|  |  |  |
| 10000x10 -5 | Secvential | 10 |
|  | 2 | 15 |
|  | 4 | 14 |
|  | 8 | 13 |
|  | 16 | 12 |
|  |  |  |
| 10000x10000 -5 | Secvential | 2575 |
|  | 2 | 2300 |
|  | 4 | 1400 |
|  | 8 | 931 |
|  | 16 | 700 |