Lab2 Documentation

Sum and multiplication of two matrices done using :

- 1 thread

-n threads

-nXn threads

SUM: MULTIPLICATION:

Test 1: Test 1:

- 1 Thread -1 Thread

- 3X3 Matrices -3X3 Matrices

-Time taken: 0.0049662 sec. -Time taken: 0.0099333 sec.

Test 2: Test 2:

- 1 Thread -1 Thread

- 4X4 Matrices -4X4 Matrices

-Time taken: 0.0065884 sec. -Time taken: 0.0156568 sec.

Test 3: Test 3:

-n Threads -n Threads

-4X4 Matrices -4X4 Matrices

-Time taken: 0.0159488 sec. -Time taken: 0.0272906 sec.

Test 4: Test 4:

- n Threads -n Threads

- 3X3 Matrices -3X3 Matrices

-Time taken: 0.0087720 sec. -Time taken: 0.0177622 sec.

Test 5: Test 5:

- nXn Threads -nXn Threads

- 3X3 Matrices -3X3 Matrices

-Time taken: 0.0343604 sec. -Time taken: 0.6768291 sec.

Test 6: Test 6:

- nXn Threads -nXn Threads

- 4X4 Matrices -4X4 Matrices

-Time taken: 0.0845475 sec. -Time taken: 0.9655768 sec.