**Processor: 6 cores 6 threads**

**Result Matrix of 800x800**

**Results:**

1 thread:

-normal threads:~15.8s

-thread pool:~14.4s

6 threads:

-normal threads:~3.264

-thread pool:~3.392s

12 threads:

-normal threads:~3.648s

-thread pool:~3.52s

128 threads:

-normal threads:~ 3.288s

-thread pool:~ 2.304s

-thread pool (fixed size of 64):~2.128s

-thread pool(cached):~2.16s

**Result Matrix of 100x100**

**Results:**

1 thread:

-normal threads:~ 0.064s

-thread pool:~ 0.064s

6 threads:

-normal threads:~ 0.064s

-thread pool:~ 0.064s

12 threads:

-normal threads:~ 0.128s

-thread pool:~ 0.064s

128 threads:

-normal threads:~ 0.384s

-thread pool:~ 0.064s