Student name: Guowei Fu
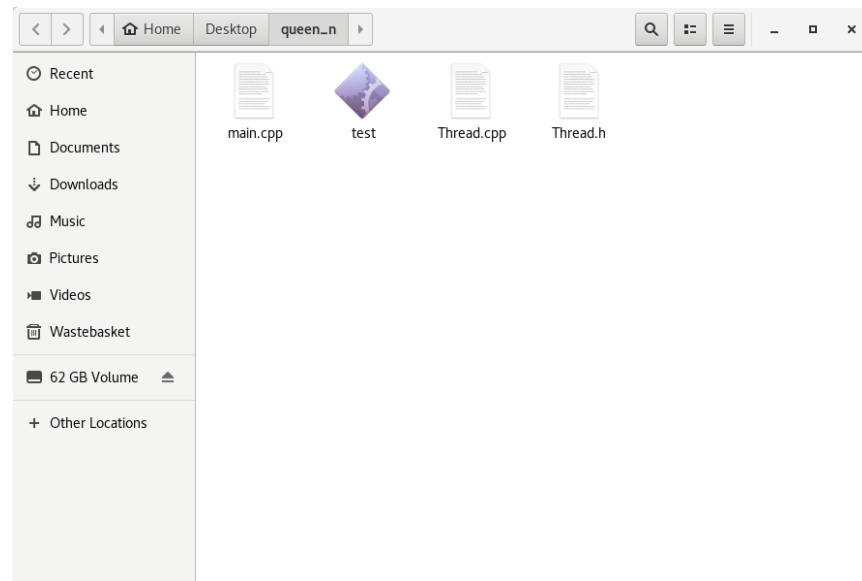**Student number: 201363216**

Platform:

OS: Linux

Device: desktop (CPU: i7, GPU:) from EC Stoner Lab 7.10.

Operation of running (Linux command):

1. g++ Thread.cpp main.cpp -o test -std=c++11 -pthread
2. ./test <number of queens> <number of threads>

Project:

Performance:

The number of queens/ The number of threads	8queen	12queen	14queen
1thread	92 1515 us (time unit)	14200 134043 us(time unit)	365596 5001527us (time unit)
2 thread	92 1096 us (time unit)	14200 73812 us(time unit)	365596 2542200us(time unit)
3 thread	92 1033 us (time unit)	14200 50217 us(time unit)	365596 1841286us(time unit)
4 thread	92 968 us (time unit)	14200 39953 us(time unit)	365596 1720185us(time unit)