

## System Programming Coding Homework 4 Report

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### 1. Testing environment

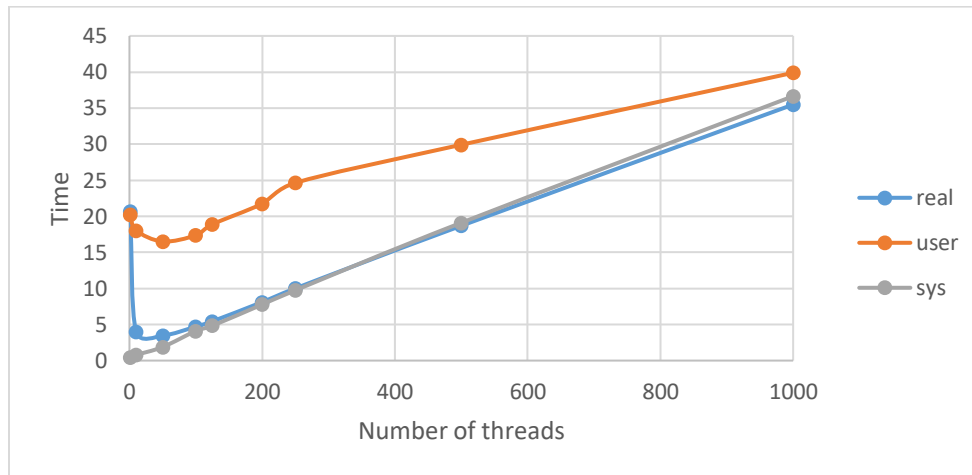
linux3.csie.ntu.edu.tw

Model name: Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz

CPU(S): 32

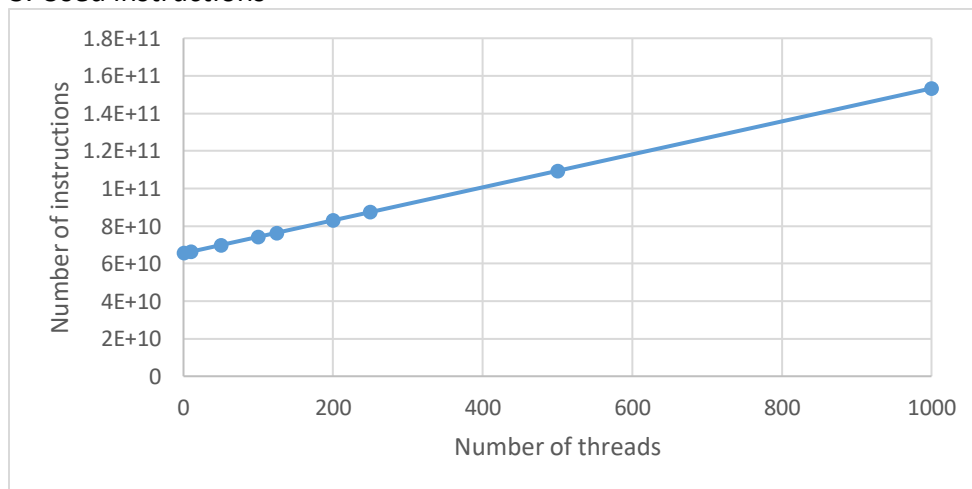
Thread(s) per core: 2

### 2. Used time



If the number of threads is higher than the system capability, the time will increase instead of decrease. Using 50 to 100 threads can reduce the real run time the most on csie workstation.

### 3. Used instructions



The number of instructions increase when the number of threads increase.