COMP 464 - Homework 1 - Part 1

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(1) Screen output:

(2) Machine properties:

CPU:

Intel(R) Core(TM) i5-2430M CPU @ 2.40GHz

Cache L1:

2 x 32 KB 8-way set associative instruction caches

2 x 32 KB 8-way set associative data caches

Cache L2:

2 x 256 KB 8-way set associative caches

Cache L3:

3072 KB 12-way set associative shared cache

Main Memory:

DDR3 – 1333 MHz – 2 x 4096 MB (8 GB Total)

OS:

Ubuntu 15.04 (vivid) x86_64 – kernel 3.19.0-28-generic

Compiler:

g++ (Ubuntu 4.9.2-10ubuntu13) 4.9.2