**Assignment1**

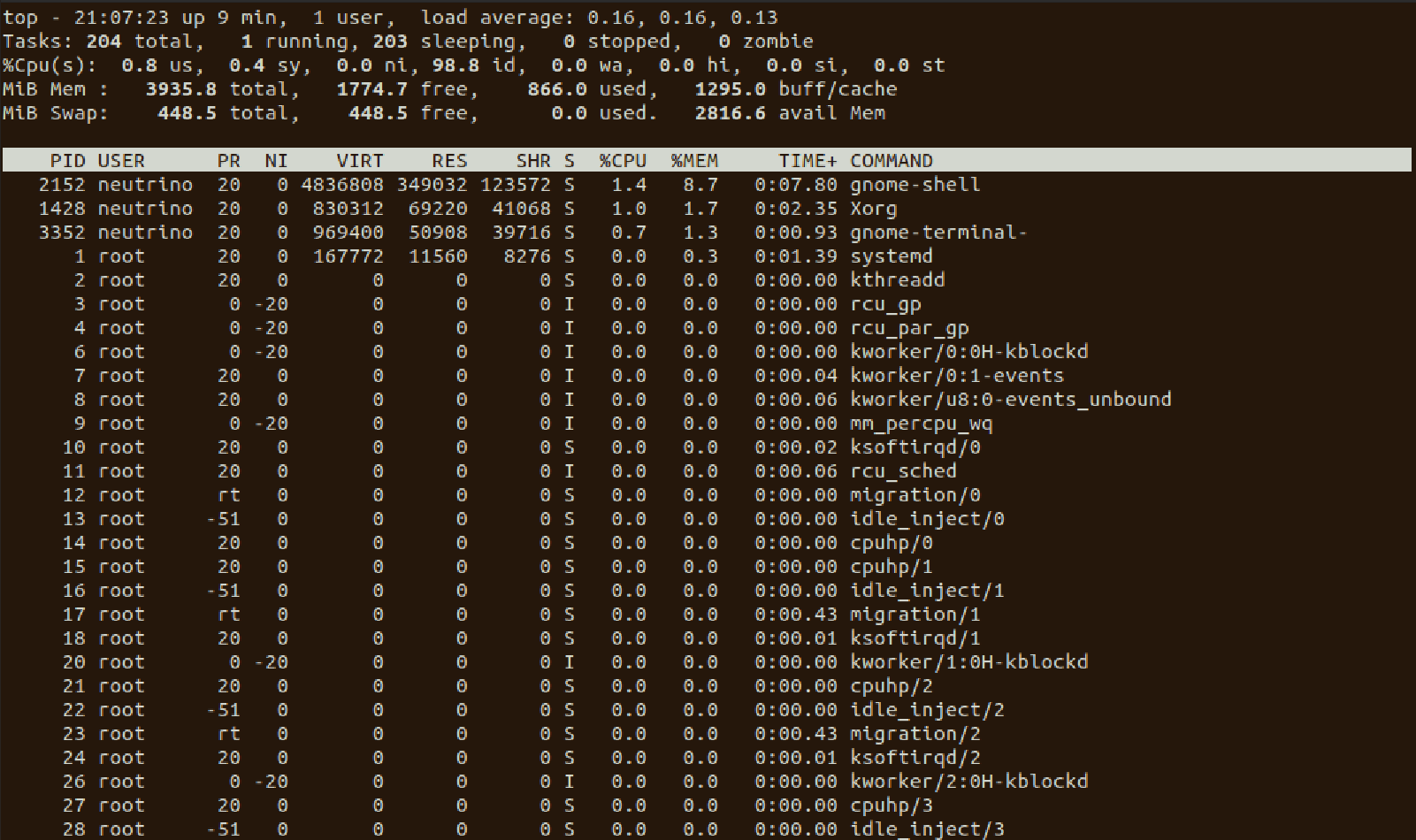
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System: Linux neutrino-VirtualBox 5.4.0-51-generic #56-Ubuntu SMP Mon Oct 5 14:28:49 UTC 2020 x86\_64 x86\_64 x86\_64 GNU/Linux

**QUESTION 1**

1. **Run the command ”top”**



1. **Memory hierarchy diagram**

$getconf -a | grep CACHE\_SIZE>result.txt

#(get the configuration)|(Search for key word “CACHE\_SIZE”)

# >(overwrite the result into result.txt)

LEVEL1\_ICACHE\_SIZE 32768

LEVEL1\_DCACHE\_SIZE 32768

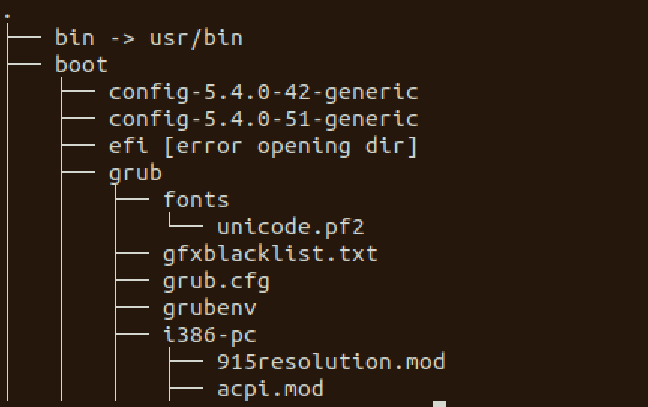
LEVEL2\_CACHE\_SIZE 262144

LEVEL3\_CACHE\_SIZE 16777216

LEVEL4\_CACHE\_SIZE 0

1. **Run ” cd /; tree | head -n 15”**

#(change directory to root);(plot the tree diagram of the directories)|(displaying from the beginning while limiting to 15 lines)



**QUESTION 2**

#see hw1\_q2.sh

#the output will be put into “dir100”

**QUESTION 3**

#see hw1\_q3\_1.sh, hw1\_q3\_2.sh