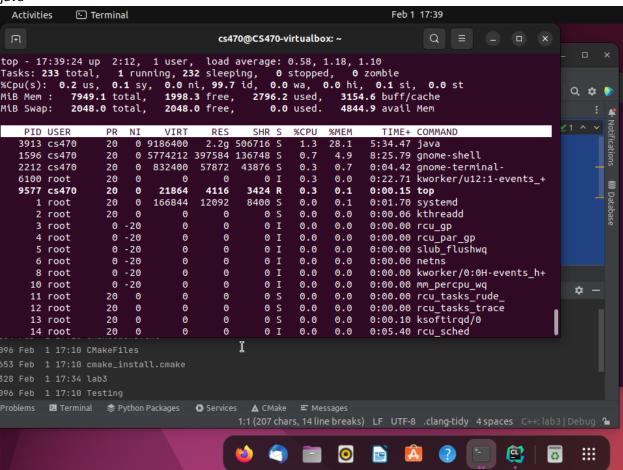
## **Austin Brooks**

CS470

Lab 3:

- 1. 3.
- 2. CPU and memory
- 3. As I have it currently configured 8GB
- 4. java



- 5. java
- 6. apt-get: a cli tool for handling packages

yum: a package manager for RPM-based Linux

wget: a utility for non-interactive download of files from the web

gzip: a tool for compressing files using Lempel-Ziv Coding

tar: an archiving utility

rar: a program for manipulating and creation of rar archives

7.

```
#include <unistd.h>
int main() {
  pid_t pid = fork();
  if (pid == 0){
    for (int i = 0; i < 200; ++i) {
       printf("I am a child process");
    }
  }
  else{
    for (int i = 0; i < 200; ++i) {
       printf("I am a parent process");
    }
  }
}
 8.
#include <iostream>
#include <unistd.h>
#include <sys/wait.h>
int main() {
  pid_t cpid;
  if (fork() == 0){
    exit(0);
  }
  else{
    cpid = wait(NULL);
    system("ls -l");
  }
```

}

9.

tbd