

#### 4.15.19 Sarah's compiling process

I uploaded the c++ file, parse.cpp into recordings. This file will compile all of the files for one data point into a file called *filename\_all.csv*. Files of the same datapoint should all have the form of *filename\_###.csv*. I modified the program so that it will do a bunch of data points at once. The compiler I have a super cheapy/sketchy compiler so I can't just make the program to execute on another computer. It will have to be compiled on the computer to use it.

Running the program goes like this:

```
$ g++ parse.cpp -o fix.exe

SKINNER@expnsvecmptr ~
$ ./fix.exe
How many data sets?: 15
No of files: 18
Minimum: 0
Name of file: doors
Extra Zero? (true,1/false,0): 0|
```

Data sets refers to the data points

No of files is the exact number of the last file

Minimum is the starting number

Name of file is like *filename* above

*Extra zero?* refers to if the file number system is like 00, 01, 02... or 0, 1, 2...

Type 1 for 00, 01, 02...

Type 0 for 0, 1, 2...

At any point if something goes wrong, just Ctrl+C out of the program

Once all the files are collected. I open the file in excel and save it as a spreadsheet to prevent from corrupting data (Excel do that sometimes) and then I use the function

=AVERAGE(D2,H2,L2,P2,T2,X2,AB2,AF2,AJ2,AN2,AR2,AV2,AZ2,BD2,BH2,BL2,BP2,BT2,BX2, CB2,CF2,CJ2,CN2,CR2,CV2)

Double check if it cover all the the dBV columns. Then I take the all the averages for a group of data points and put it in one excel sheet.