Lab 4:

Picture to show that all the compilation errors and warnings are gone. Also shows the seg fault.

A black background with white text

Description automatically generated

I made sure to compile the files with the flag -g to be able to debug the program.



Then I used the gdb command with the executable to start the debugging process.

A screenshot of a computer program

Description automatically generated

I then added a breakpoint on where I thought that the program might be seg faulting.



I then used the step function in gdb to run one line of code to find the issue.

A computer screen shot of text

Description automatically generated

I then figured out that the problem was that the first malloc call needed to use sizeof(int\*) instead of sizeof(int).

