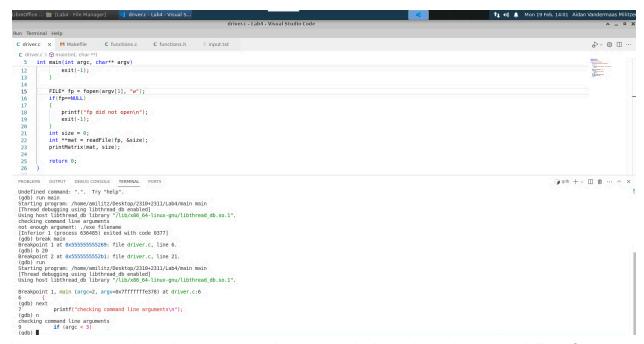


Using gdb, I was able to set breakpoints with the command break main to automatically set a breakpoint at line 6, then I wrote the command to set a second breakpoint at line 10, written as b 10. Typing the command run after setting the breakpoints will run the code between the breakpoints.



Here you can see that using the next and n commands, I am able to look at each line of code that is being executed. At the bottom I can see that the line of code if(argc < 3) is being ran, however, when I set the breakpoints and ran the code the value of argc is equal to 2 which is preventing the code from running.

```
M Makefile C functions.c x C functions.h ≡ input.txt
C functions.c > ♦ readFile(FILE *, int *)
 6
15
16
    int** readFile(FILE* fp, int *size)
 17
        int** mat = (int**)malloc(num * sizeof(int*));
        for(index = 0; index < num; index++)</pre>
 18
           mat[index] = (int*)malloc(num * sizeof(int));
 20
21
 22
23
    • int col = 0;
        rewind(fp);
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
(gdb)
```

Here I used break functions.c: 21 to set the first point of the run and b functions.c:58 to end the run as the second breakpoint. The program runs the segment. If an error occurs, you can use list to list the code in the segments as well.