

```
Reading symbols from Lab4...
(gdb) run
Starting program: /home/jrfarre/Classes/CPSC 2311/Lab 4/Lab4
cheking command line arguments
not enought argument: ./exe filename
[Inferior 1 (process 167050) exited with code 0377]
(qdb) run input.txt
Starting program: /home/jrfarre/Classes/CPSC 2311/Lab 4/Lab4 input.txt
cheking command line arguments
01
        01
                01
                        01
                                01
00
        00
                00
                        00
                                00
        00
00
                00
                        00
                                00
00
        00
                00
                        00
                                00
Program received signal SIGSEGV, Segmentation fault.
0x0000555555555555 in printMatrix (mat=0x5555555b8a0, num=5) at functions.c:49
                    printf("%.2d\t", mat[row][col]);
(gdb)
```

```
(gdb) where
#0 0x00000555555555453 in printMatrix (mat=0x55555555b8a0, num=5) at functions.c:49
#1 0x000005555555552dd in main (argc=2, argv=0x7ffffffffe488) at driver.c:33
(gdb) ■
```

```
(gdb) b 49
No line 49 in the current file.
Make breakpoint pending on future shared library load? (y or [n]) y
Breakpoint 1 (49) pending.
(gdb) ■
```

```
Undefined command: "breakpoint". Try "help".
OnderIndex Command: "Dreakpoint". Try "netp".

(gdb) b 21

Breakpoint 1 at 0x1273: file driver.c, line 22.

(gdb) run input.txt

Starting program: /home/jrfarre/Classes/CPSC_2311/Lab 4/Lab4 input.txt

cheking command line arguments
(gdb) step
   Onew_fopen (filename=0x7fffffffe7f1 "input.txt", mode=0x5555555604d "r") at iofopen.c:85
iofopen.c: No such file or directory.
85
85
(gdb) step
96 in iofopen.c
(gdb) step ____fopen_internal (is32=1, mode=0x55555555604d "r", filename=0x7fffffffe7f1 "input.txt") at iofopen.c:58
(gdb) step
0x00007ffff7e11929 in <u>fopen_internal</u> (is32=1, mode=0x55555555604d "r", filename=0x7fffffffe7f1 "input.txt") at iofopen.c:65
65
(gdb) step
01 01
00 00
00 00
                      01
00
00
00
                                 01
00
00
00
                                            01
00
00
00
Program received signal SIGSEGV, Segmentation fault.
0x000005555555555453 in printMatrix (mat=0x55555555b8a0, num=5) at functions.c:50
printf("%.2d\t", mat[row][col]);
```

```
[12:58:33] jrfarre@cerf2:~/Classes/CPSC_2311/Lab 4 [83] gcc -g -o Lab4 driver.c functions.c
[12:58:48] jrfarre@cerf2:~/Classes/CPSC_2311/Lab 4 [84] ./Lab4 input.txt
 cheking command line arguments
 01
            01
                       01
                                  01
                                             01
                                             01
 01
            01
                       01
                                  01
                                             01
 01
            01
                       01
                                  01
 01
            01
                       01
                                  01
                                             01
           01
491
 01
                       01
                                             01
                                  01
                irfarre@cerf2:~/Classes/CPSC 2311/Lab 4 [85]
```