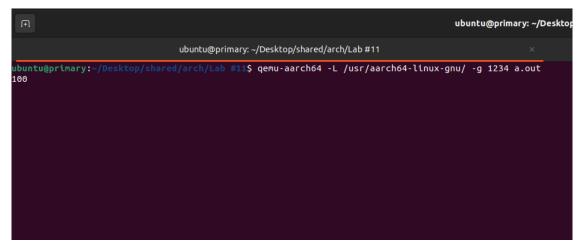
Pledge: I pledge my honor that I have abided by the Stevens Honor System.

Name: Haig Emirzian

Screenshot of program



Input string is 100
I put in 100 after running it

```
ubuntu@primary: ~/Desktop/shared/arch/Lab #
                              0x64
                               0xa
                               0x0
                                                                   0 0 0
                               0x0
                               0x0
                               0x0
                               0x0
  x24
x27
x30
                               0x0
                               0x0
                               0x0
                               0x60000000
                                                                     1610612736
   cpsr
                                                                               subtracts digit for ascii
multiplies current value b
adds the value to the one
                                      SUB X4, X4, #48
MUL X5, X5, X3
ADD X5, X5, X4
               18
19
20
21
22
23
24
25
26
27
28
29
30
                                                                            //exits the program
                                      MOV X0, #0
  remote Thread 1.3079 In: exit
remote Thread 1.3079 In: exit (gdb) b _start
Breakpoint 1 at 0x4000b0: file systemcalls.s, line 8. (gdb) b exit
Breakpoint 2 at 0x4000e4: file systemcalls.s, line 24. (gdb) c
Continuing.
 Breakpoint 2, exit () at systemcalls.s:24 => 0x000000000004000e4 <exit+0>: e0 03 05 aa
                                                                                                          x0, x5
 (gdb) s
                              1000e8 <exit+4>: 00 00 80 d2
                                                                                                          x0, #0x0
                                                                                          mov
 (gdb)
```

X0 is 100

- I created two breakpoints: one at _start and one at exit
- I used the continue command to go to the second breakpoint
- I then used the step command to see what X0 is after I move the conversion into X0