

Assignment 1 – Command Line Arguments

Description:

This assignment is to write a C program that accepts arguments via the command line and then displays each of those arguments to the terminal along with how many arguments there are.

Approach / What I Did:

After I installed Virtual Box and the Ubuntu Virtual machine, I went ahead and configured my github credential through the video. I had to create an OAUTH token for myself to use it with. I then cloned my github repository for this assignment. Changed readme file and makefile. After all that I created a file "Alimov_Arslan_HW1_main.c" with one function in there called main which gives out the outputs and inputs.

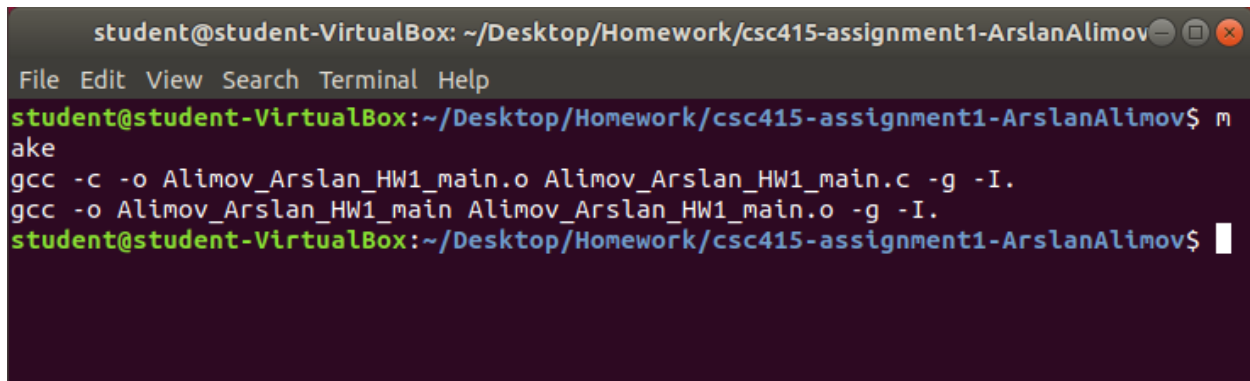
Issues and Resolutions:

My first issue was I was getting negative numbers in my commandline output so there would be "There are -21302131 arguments on the commandline" I then understood that I created my function the wrong way and I had to make input the # first and then create an array to store our arguments

I resolved it by changed my method instead of having array,int I did int, array as inputs in the function

Analysis: (If required for the assignment)

Screen shot of compilation:



```
student@student-VirtualBox: ~/Desktop/Homework/csc415-assignment1-ArslanAlimov
File Edit View Search Terminal Help
student@student-VirtualBox:~/Desktop/Homework/csc415-assignment1-ArslanAlimov$ make
gcc -c -o Alimov_Arslan_HW1_main.o Alimov_Arslan_HW1_main.c -g -I.
gcc -o Alimov_Arslan_HW1_main Alimov_Arslan_HW1_main.o -g -I.
student@student-VirtualBox:~/Desktop/Homework/csc415-assignment1-ArslanAlimov$
```

Screen shot(s) of the execution of the program:

```
student@student-VirtualBox:~/Desktop/Old Hw/csc415-assignment1-ArslanAlimov$ make  
e run RUNOPTIONS="Hello, these are overridden options 3 6 9"  
./Alimov_Arslan_HW1_main Hello, these are overridden options 3 6 9  
  
There are 9 arguments on the command line.  
  
Argument 0:      ./Alimov_Arslan_HW1_main  
Argument 1:      Hello,  
Argument 2:      these  
Argument 3:      are  
Argument 4:      overridden  
Argument 5:      options  
Argument 6:      3  
Argument 7:      6  
Argument 8:      9  
student@student-VirtualBox:~/Desktop/Old Hw/csc415-assignment1-ArslanAlimov$
```