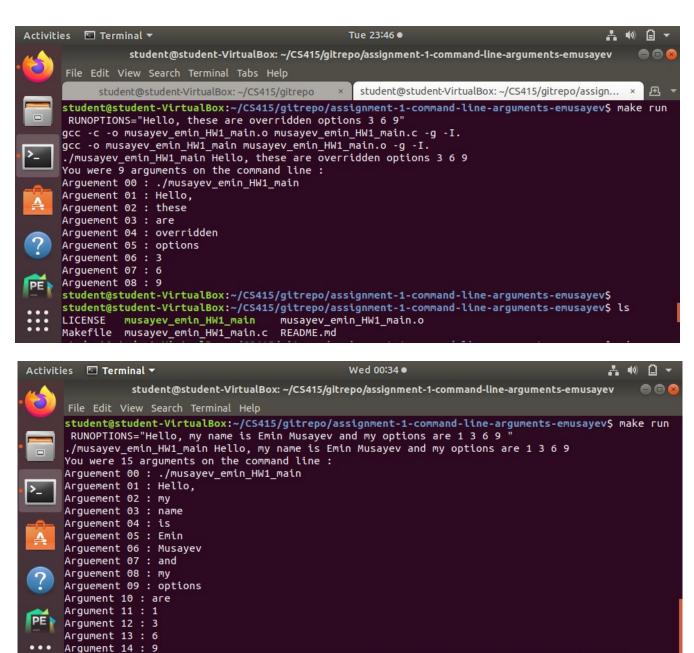Emin Musayev

CS 415 -01

Robert Bierman

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**Write-up**

In general in this program, we had to pass commands in the main() function in C languages in order to use pass multiple command line arguments , but before it does that it check and counts the number of arguments and eventually separates lines for every argument/word typed.  Overall , as shown in my  code shown below it not only worked as instructed and I believe it was also well documented and commented .

# OUTPUT

student@student-VirtualBox: ~/CS415/gitrepo/assignment-1-command-line-arguments-emusayev

File  Edit  View  Search  Terminal  Tabs  Help

student@student-VirtualBox: ~/CS415/gitrepo    ×    student@student-VirtualBox: ~/CS415/gitrepo/assign...   ×

```
student@student-VirtualBox:~/CS415/gitrepo/assignment-1-command-line-arguments-emusayev$ make run
 RUNOPTIONS="Hello, these are overridden options 3 6 9"
gcc -c -o musayev_emin_HW1_main.o musayev_emin_HW1_main.c -g -I.
gcc -o musayev_emin_HW1_main musayev_emin_HW1_main.o -g -I.
./musayev_emin_HW1_main Hello, these are overridden options 3 6 9
You were 9 arguments on the command line :
Arguement 00 : ./musayev_emin_HW1_main
Arguement 01 : Hello,
Arguement 02 : these
Arguement 03 : are
Arguement 04 : overridden
Arguement 05 : options
Arguement 06 : 3
Arguement 07 : 6
Arguement 08 : 9
student@student-VirtualBox:~/CS415/gitrepo/assignment-1-command-line-arguments-emusayev$
student@student-VirtualBox:~/CS415/gitrepo/assignment-1-command-line-arguments-emusayev$ ls
LICENSE     musayev_emin_HW1_main      musayev_emin_HW1_main.o
Makefile    musayev_emin_HW1_main.c    README.md
```

student@student-VirtualBox: ~/CS415/gitrepo/assignment-1-command-line-arguments-emusayev

File  Edit  View  Search  Terminal  Help

```
student@student-VirtualBox:~/CS415/gitrepo/assignment-1-command-line-arguments-emusayev$ make run
 RUNOPTIONS="Hello, my name is Emin Musayev and my options are 1 3 6 9 "
./musayev_emin_HW1_main Hello, my name is Emin Musayev and my options are 1 3 6 9
You were 15 arguments on the command line :
Arguement 00 : ./musayev_emin_HW1_main
Arguement 01 : Hello,
Arguement 02 : my
Arguement 03 : name
Arguement 04 : is
Arguement 05 : Emin
Arguement 06 : Musayev
Arguement 07 : and
Arguement 08 : my
Arguement 09 : options
Argument 10 : are
Argument 11 : 1
Argument 12 : 3
Argument 13 : 6
Argument 14 : 9
student@student-VirtualBox:~/CS415/gitrepo/assignment-1-command-line-arguments-emusayev$
```