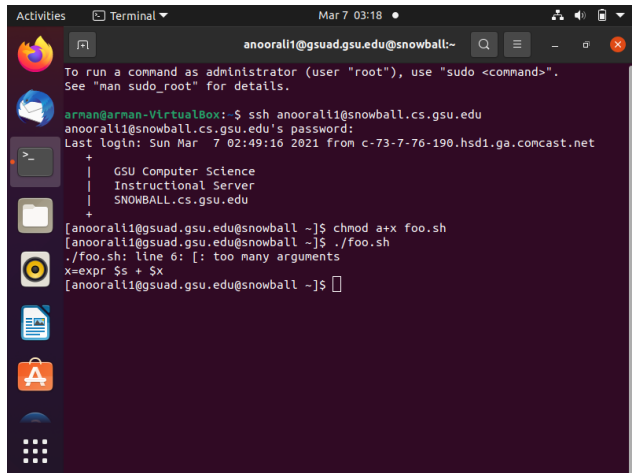


Lab 6- Post Lab

Arman Noorali

Part A:

1.



A terminal window titled 'Terminal' with a date of 'Mar 7 03:18'. The prompt is 'anooralii@gsuad.gsu.edu@snowball:~'. The terminal shows the following commands and output:

```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

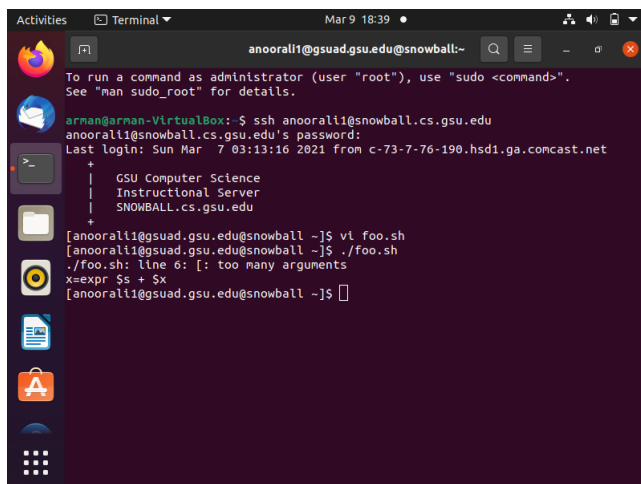
arman@arman-VirtualBox:~$ ssh anooralii@snowball.cs.gsu.edu
anooralii@snowball.cs.gsu.edu's password:
Last login: Sun Mar  7 02:49:16 2021 from c-73-7-76-190.hsd1.ga.comcast.net

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+

[anooralii@gsuad.gsu.edu@snowball ~]$ chmod a+x foo.sh
[anooralii@gsuad.gsu.edu@snowball ~]$ ./foo.sh
./foo.sh: line 6: [: too many arguments
x=expr $s + $x
[anooralii@gsuad.gsu.edu@snowball ~]$
```

2. $1^2+2^2+3^2=1+4+9=14$. In the while loop s I used to store the value of i^2 and each time it is added to x.

Part B:



A terminal window titled 'Terminal' with a date of 'Mar 9 18:39'. The prompt is 'anooralii@gsuad.gsu.edu@snowball:~'. The terminal shows the following commands and output:

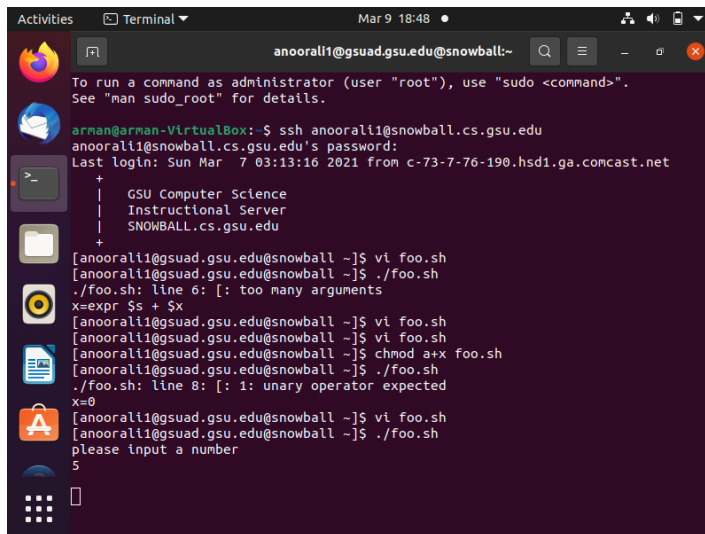
```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

arman@arman-VirtualBox:~$ ssh anooralii@snowball.cs.gsu.edu
anooralii@snowball.cs.gsu.edu's password:
Last login: Sun Mar  7 03:13:16 2021 from c-73-7-76-190.hsd1.ga.comcast.net

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[anooralii@gsuad.gsu.edu@snowball ~]$ vi foo.sh
[anooralii@gsuad.gsu.edu@snowball ~]$ ./foo.sh
./foo.sh: line 6: [: too many arguments
x=expr $s + $x
[anooralii@gsuad.gsu.edu@snowball ~]$
```

Part C:



The screenshot shows a terminal window titled "Terminal" with the date "Mar 9 18:48". The prompt is "anooral1@gsuad.gsu.edu@snowball:~". The terminal displays the following text:

```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

arman@arman-VirtualBox:~$ ssh anooral1@snowball.cs.gsu.edu
anooral1@snowball.cs.gsu.edu's password:
Last login: Sun Mar  7 03:13:16 2021 from c-73-7-76-190.hsd1.ga.comcast.net

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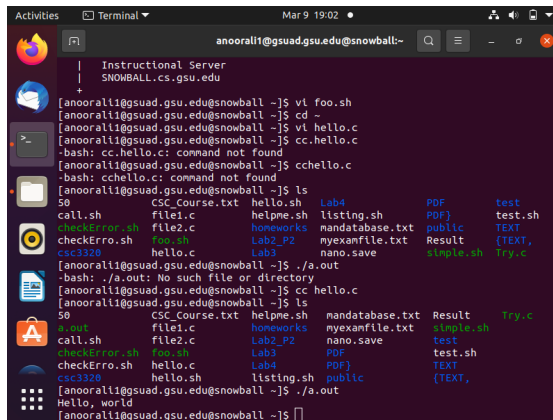
[anooral1@gsuad.gsu.edu@snowball ~]$ vi foo.sh
[anooral1@gsuad.gsu.edu@snowball ~]$ ./foo.sh
./foo.sh: line 6: [: too many arguments
x=expr $s + $X
[anooral1@gsuad.gsu.edu@snowball ~]$ vi foo.sh
[anooral1@gsuad.gsu.edu@snowball ~]$ vi foo.sh
[anooral1@gsuad.gsu.edu@snowball ~]$ chmod a+x foo.sh
[anooral1@gsuad.gsu.edu@snowball ~]$ ./foo.sh
./foo.sh: line 8: [: 1: unary operator expected
x=0
[anooral1@gsuad.gsu.edu@snowball ~]$ vi foo.sh
[anooral1@gsuad.gsu.edu@snowball ~]$ ./foo.sh
please input a number
5
```

Part D:

```
public class Main
{
    public static void main(String[] args) {
        int x=0;
        int i=1;
        while(i<=3){
            int s=i*i;
            x+=s;
            i++;
        }
        System.out.format("x=%d\n",x) ;
    }
}
```

Part E:

1.

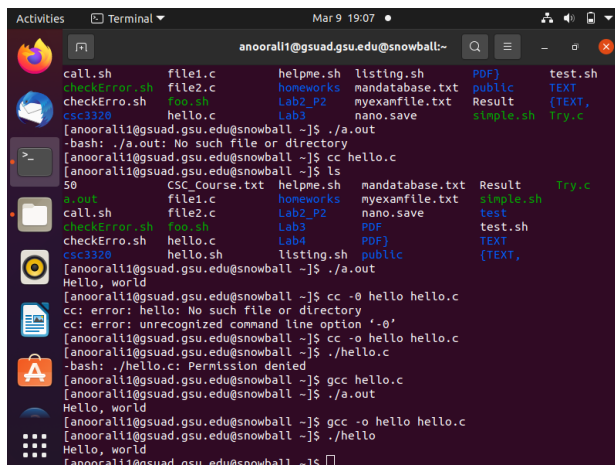


A terminal window titled 'anooralii@gsuad.gsu.edu@snowball:~' showing the following commands and output:

```
[anooralii@gsuad.gsu.edu@snowball ~]$ vi foo.sh
[anooralii@gsuad.gsu.edu@snowball ~]$ cd -
[anooralii@gsuad.gsu.edu@snowball ~]$ vi hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ cc.hello.c
-bash: cc.hello.c: command not found
[anooralii@gsuad.gsu.edu@snowball ~]$ cchello.c
-bash: cchello.c: command not found
[anooralii@gsuad.gsu.edu@snowball ~]$ ls
50 CSC_Course.txt hello.sh Lab4 PDF test
call.sh file1.c helpme.sh listing.sh PDF test.sh
checkError.sh file2.c homeworks mandatabase.txt public TEXT
checkError.sh foo.sh Lab2_P2 myexanfile.txt Result (TEXT,
csc3320 hello.c Lab3 nano.save simple.sh Try.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./a.out
-bash: ./a.out: No such file or directory
[anooralii@gsuad.gsu.edu@snowball ~]$ cc hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ls
50 CSC_Course.txt helpme.sh mandatabase.txt Result Try.c
a.out file1.c homeworks myexanfile.txt simple.sh
call.sh file2.c Lab2_P2 nano.save test
checkError.sh foo.sh Lab3 PDF test.sh
checkError.sh hello.c Lab4 PDF TEXT
csc3320 hello.sh listing.sh public (TEXT,
[anooralii@gsuad.gsu.edu@snowball ~]$ ./a.out
Hello, world
[anooralii@gsuad.gsu.edu@snowball ~]$
```

2. hello is the new file created after using command: ggc -o hello hello.c

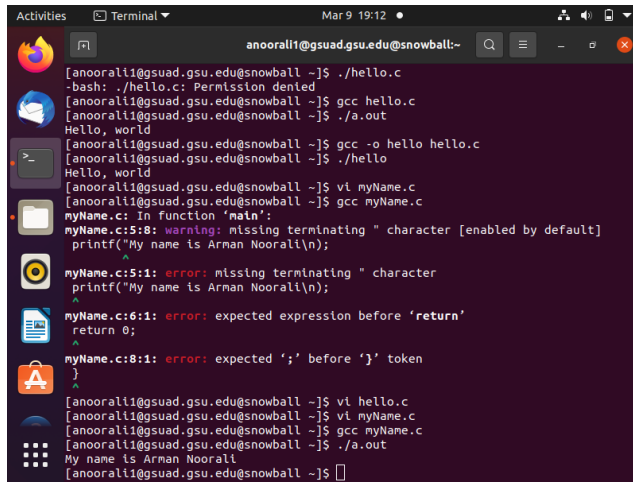
3.



A terminal window titled 'anooralii@gsuad.gsu.edu@snowball:~' showing the following commands and output:

```
[anooralii@gsuad.gsu.edu@snowball ~]$ ./a.out
-bash: ./a.out: No such file or directory
[anooralii@gsuad.gsu.edu@snowball ~]$ cc hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ls
50 CSC_Course.txt helpme.sh mandatabase.txt Result Try.c
a.out file1.c homeworks myexanfile.txt simple.sh
call.sh file2.c Lab2_P2 nano.save test
checkError.sh foo.sh Lab3 PDF test.sh
checkError.sh hello.c Lab4 PDF TEXT
csc3320 hello.sh listing.sh public (TEXT,
[anooralii@gsuad.gsu.edu@snowball ~]$ ./a.out
Hello, world
[anooralii@gsuad.gsu.edu@snowball ~]$ cc -o hello hello.c
cc: error: hello: No such file or directory
cc: error: unrecognized command line option '-o'
[anooralii@gsuad.gsu.edu@snowball ~]$ cc -o hello hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./hello.c
-bash: ./hello.c: Permission denied
[anooralii@gsuad.gsu.edu@snowball ~]$ gcc hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./a.out
Hello, world
[anooralii@gsuad.gsu.edu@snowball ~]$ gcc -o hello hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./hello
Hello, world
[anooralii@gsuad.gsu.edu@snowball ~]$
```

4.



```
Activities Terminal Mar 9 19:12
anooralii@gsuad.gsu.edu@snowball:~
[anooralii@gsuad.gsu.edu@snowball ~]$ ./hello.c
-bash: ./hello.c: Permission denied
[anooralii@gsuad.gsu.edu@snowball ~]$ gcc hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./a.out
Hello, world
[anooralii@gsuad.gsu.edu@snowball ~]$ gcc -o hello hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./hello
Hello, world
[anooralii@gsuad.gsu.edu@snowball ~]$ vi myName.c
[anooralii@gsuad.gsu.edu@snowball ~]$ gcc myName.c
myName.c: In function 'main':
myName.c:5:8: warning: missing terminating " character [enabled by default]
printf("My name is Arman Nooralii\n);
      ^
myName.c:5:1: error: missing terminating " character
printf("My name is Arman Nooralii\n);
^
myName.c:6:1: error: expected expression before 'return'
return 0;
^
myName.c:8:1: error: expected ';' before '}' token
}
^
[anooralii@gsuad.gsu.edu@snowball ~]$ vi hello.c
[anooralii@gsuad.gsu.edu@snowball ~]$ vi myName.c
[anooralii@gsuad.gsu.edu@snowball ~]$ gcc myName.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./a.out
My name is Arman Nooralii
[anooralii@gsuad.gsu.edu@snowball ~]$
```