

Lab 6 Post-Lab

Kimani Guchu

```
[[kguchu1@gsuad.gsu.edu@snowball ~]$ ./foo.sh  
x=14  
[[kguchu1@gsuad.gsu.edu@snowball ~]$
```

- 1.
2. Foo calculates the Square of 1-3 and outputs their sum. $1^2+2^2+3^2=14$ and outputs X=14

```
[[kguchu1@gsuad.gsu.edu@snowball ~]$ vi foo.sh  
[[kguchu1@gsuad.gsu.edu@snowball ~]$ ./foo.sh 5  
x=55  
[[kguchu1@gsuad.gsu.edu@snowball ~]$
```

3.

```
[[kguchu1@gsuad.gsu.edu@snowball ~]$ ./foo.sh  
please input a number  
5  
x=55  
[[kguchu1@gsuad.gsu.edu@snowball ~]$
```

4.

```
mac — kguchu1@gsuad.gsu.edu@snowball:~ — ssh Kguchu1@snowball.cs.gs...  
Last login: Thu Feb 18 22:22:56 on ttys000  
  
public class foo  
{  
  
    public static void main(String[] args){  
  
        int x=0;  
        int y=1;  
        while(y<=3){  
            int z=y*y;  
            x=z+x;  
            y++;  
        }  
        System.out.format("x=%d\n",x);  
    }  
}  
  
~  
~  
~  
~  
~  
~  
"foo.java" 16L, 180C                                15,1          All
```

5.

```
[[kguchu1@gsuad.gsu.edu@snowball ~]$ vi foo.java  
[[kguchu1@gsuad.gsu.edu@snowball ~]$ javac foo.java  
[[kguchu1@gsuad.gsu.edu@snowball ~]$ java foo  
x=14  
[[kguchu1@gsuad.gsu.edu@snowball ~]$
```

6.

```
[kguchu1@gsuad.gsu.edu@snowball ~]$ ./a.out
Hello,world
[kguchu1@gsuad.gsu.edu@snowball ~]$
```

7.

8. Cc -o hello hello.c creates a new file called "hello"

```
[kguchu1@gsuad.gsu.edu@snowball ~]$ ./hello
Hello,world
[kguchu1@gsuad.gsu.edu@snowball ~]$
```

9.

```
#include <stdio.h>

int main(void)
{
printf("My Name is Kimani Guchu\n");
return 0;
}

~
~
~
~
```

10.

```
[kguchu1@gsuad.gsu.edu@snowball ~]$ cc myName.c
[kguchu1@gsuad.gsu.edu@snowball ~]$ ./a.out
My Name is Kimani Guchu
[kguchu1@gsuad.gsu.edu@snowball ~]$
```

11.