

Jamie Lopez

CSC3320 Lab 6 Part 2

Due: 2/26/2021

CRN 11173-004

Part A

Question 1: Attach screenshot of output from step 4:

```
[jrogers75@gsuad.gsu.edu@snowball ~]$ ./foo.sh
x=14
[jrogers75@gsuad.gsu.edu@snowball ~]$
```

Question 2: Describe what does the shell script foo.sh do?

This script initializes variables x and i. Then runs through the while loop if the condition that i is less than or equal to 3 is met. The loop increments s based on the value of i*i, then updates x based on s+x, and increments i by one. Then, it iterates through the loop again if the while condition is met. Once all iterations are complete, the final value of x is displayed as output.

Part B

Attach a screenshot of the output after editing as described:

```
[jrogers75@gsuad.gsu.edu@snowball ~]$ ./foo.sh 5
x=55
[jrogers75@gsuad.gsu.edu@snowball ~]$
```

Part C

Attach a screenshot of the output:

```
[jrogers75@gsuad.gsu.edu@snowball ~]$ ./foo.sh
Please input a number
5
x=55
[jrogers75@gsuad.gsu.edu@snowball ~]$
```

Part D

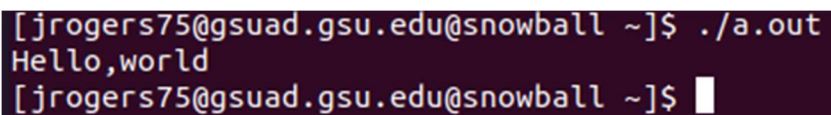
Source code for foo.java:

```
public class foo{
    public static void main(String[] args){
        // foo.java like Part A of Lab6 - Part 1 for Part D
        //
        int x = 0;
        int i = 1;
        int s = 0;
        while(i<=3){
            s = i*i;
            x = s+x;
            i++;
        }
        System.out.print("x = "+x);
    }
}
```

Part E

Question 1:

Attach a screenshot of the output in step 4.



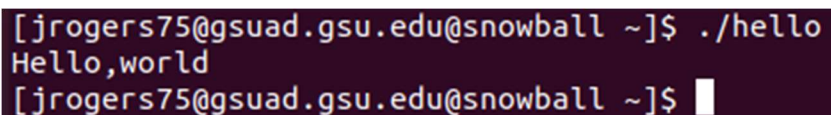
```
[jrogers75@gsuad.gsu.edu@snowball ~]$ ./a.out
Hello,world
[jrogers75@gsuad.gsu.edu@snowball ~]$
```

Question 2:

The new file generated is called **hello**.

Question 3:

Attach a screenshot of the output after trying command ./hello:



```
[jrogers75@gsuad.gsu.edu@snowball ~]$ ./hello
Hello,world
[jrogers75@gsuad.gsu.edu@snowball ~]$
```

Question 4:

Output for JamieLopez.c

```
[jrogers75@gsuad.gsu.edu@snowball ~]$ vi JamieLopez.c
[jrogers75@gsuad.gsu.edu@snowball ~]$ cc -o Jamie JamieLopez.c
[jrogers75@gsuad.gsu.edu@snowball ~]$ ./Jamie
My name is Jamie Lopez
[jrogers75@gsuad.gsu.edu@snowball ~]$
```

Source code for JamieLopez.c

```
#include <stdio.h>

int main(void)
{
    printf("My name is Jamie Lopez\n");
    return 0;
}
```