```
x=1
[agentile2@gsuad.gsu.edu@snowball ~]$ vi foo.sh
[agentile2@gsuad.gsu.edu@snowball ~]$ ./foo.sh
./foo.sh: line 12: unexpected EOF while looking for matching ``'
./foo.sh: line 15: syntax error: unexpected end of file
[agentile2@gsuad.gsu.edu@snowball ~]$ vi foo.sh
[agentile2@gsuad.gsu.edu@snowball ~]$ ./foo.sh
x=14
[agentile2@gsuad.gsu.edu@snowball ~]$
```

2. The foo.sh script is essentially initializing variables to use in a loop to find a value, which in this case x=14

```
[agentile2@gsuad.gsu.edu@snowball ~]$ ./foo.sh
please input a number
x=55
[agentile2@gsuad.gsu.edu@snowball ~]$
                                           000
 Activities

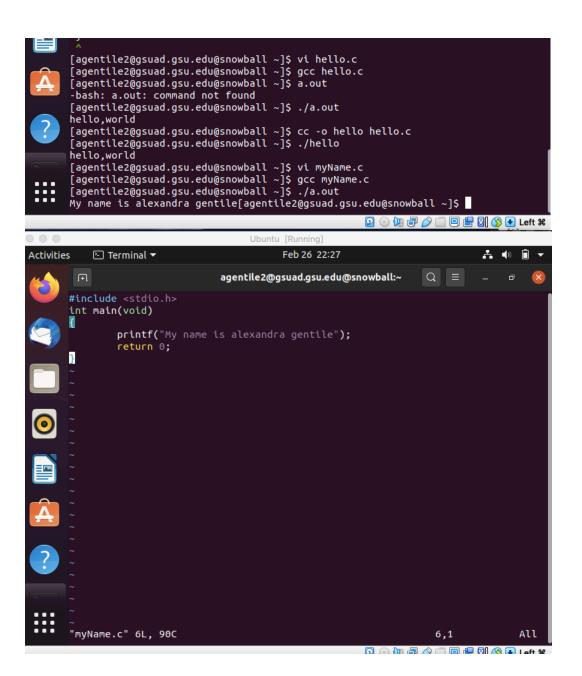
    Terminal ▼
                                      Feb 26 22:18
                             agentile2@gsuad.gsu.edu@snowball:~
       public class foo {
              public static void main(String [] args){
                     int x = 0;
                    int i = 1;
              while(i<=3){
                     int s = i*i;
                     X = S+X;
              System.out.println("x="+x);
       "foo.java" 12L, 171C
                                                             4,2-16
                                                                         All
```

```
Ubuntu [Running]
                                              Feb 26 22:23
Activities

    Terminal ▼

                                   agentile2@gsuad.gsu.edu@snowball:~
       [agentile2@gsuad.gsu.edu@snowball ~]$ vi hello.c
       [agentile2@gsuad.gsu.edu@snowball ~]$ c hello.c
        -bash: c: command not found
       [agentile2@gsuad.gsu.edu@snowball ~]$ gcc hello.c
       hello.c:1:20: 1
                             error: studio.h: No such file or directory
        #include <studio.h>
       compilation terminated.
       [agentile2@gsuad.gsu.edu@snowball ~]$ vi hello.c
        [agentile2@gsuad.gsu.edu@snowball ~]$ gcc hello.c
       hello.c: In function 'main':
hello.c:5:24: error: expected ')' before '}' token
         printf("hello,world\n");
       hello.c:5:24: error: expected ';' before '}' token
       hello.c: At top level:
       hello.c:6:2: error: expected identifier or '(' before 'return'
         return 0;
       hello.c:7:1: error: expected identifier or '(' before '}' token
       [agentile2@gsuad.gsu.edu@snowball ~]$ vi hello.c
[agentile2@gsuad.gsu.edu@snowball ~]$ gcc hello.c
       [agentile2@gsuad.gsu.edu@snowball ~]$ a.out
        -bash: a.out: command not found
       [agentile2@gsuad.gsu.edu@snowball ~]$ ./a.out
       hello,world
       [agentile2@gsuad.gsu.edu@snowball ~]$
                                                             🔘 🕟 🛅 🗗 🔗 🗀 🖻 🚇 🕅 🚫 🕨 Left 🕊
```

```
[agentile2@gsuad.gsu.edu@snowball ~]$ vi hello.c
[agentile2@gsuad.gsu.edu@snowball ~]$ gcc hello.c
[agentile2@gsuad.gsu.edu@snowball ~]$ a.out
-bash: a.out: command not found
[agentile2@gsuad.gsu.edu@snowball ~]$ ./a.out
hello,world
[agentile2@gsuad.gsu.edu@snowball ~]$ cc -o hello hello.c
[agentile2@gsuad.gsu.edu@snowball ~]$ ./hello
hello,world
[agentile2@gsuad.gsu.edu@snowball ~]$
```



```
#include <stdio.h>
int main(void)
{
     printf("My name is alexandra gentile");
     return 0;
}
public class foo {
      public static void main(String [] args){
            int x = 0;
            int i = 1;
      while (i \le 3) {
            int s = i*i;
            x = s + x;
            i++;
      System.out.println("x="+x);
}
```