Mahi Berhanu

Lab 6 Out of Lab

**Part A:**

1. 2. It first initializes the variable x and sets that equal to 0 and i =1. It then has a while loop which goes on until i>3. In the while loop, if i <=3, i is multiplied by itself then the value of x is added to the value. Once that is completed for the initial value of i, i is incremented by 1. This goes on until i >3.

Part B:

1. 

Part C:

1. 

Part D:

Source code:

1 public class foo

2 {

3 public static void main(String[] args)

4 {

5 int x = 0;

6 int i = 1;

7 while (i<=3)

8 {

9 int s = i \* i;

10 x = s + x;

11 i = i + 1;

13 }

15 System. out.println(x);

16 }

17 }

Part E:

1. 2. A new file named hello was generated

3.

4. Source Code:

#include<stdio.h>

int main()

{

char f\_name[7] = "Mahi";

char l\_name[7]= "Berhanu";

printf("My name is %s %s \n", f\_name, l\_name); }