Module 1

This was my critical thinking assignment

```cpp
C++ test.cpp > ⊘ main()
1   #include <iostream>
2   using namespace std;
3
4   int main(){
5       string firstName = "Miguel";
6       string lastName = "Medrano";
7       string address = "123 wood rd";
8       string city = "Los Angeles";
9       int zipCode = 90030;
10
11      cout << "Welcome to my program!" << endl;
12      cout <<"My full name is " + firstName + " " + lastName << endl;
13      cout <<"My address is " + address + " " + city << endl;
14      cout <<"zipcode: " << zipCode <<endl;
15      return 0;
16  }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
id=Microsoft-MIEngine-Pid-jwa2fmxo.bwj' '--dbgExe=C:\msys64\ucrt64\bin\gdb.exe' '--interpreter=mi'
Welcome to my program!
My full name is Miguel Medrano
My address is 123 wood rd Los Angeles
zipcode: 90030
PS C:\Users\migue\OneDrive\Linkdenlearning>
```

cppdbg: tes...
C/C++: ... ✓
cppdbg: tes...
cppdbg: mo...
cppdbg: mo...

These were my two c++ assignments needed to correct and show output
Correction:

```cpp
20
21   //Simple Program with a few Errors for Correction
22   //Please be sure to correct all outlined errors.
23   #include<iostream>
24   #include<conio.h>
25   //Standard namespace declaration
26   using namespace std;
27   //Main Function
28   int main()
29   {
30   //Standard Ouput Statement
31   cout<<"Welcome to this C++ Program"<<endl;
32   cout<<"I have corrected all errors for this program." <<endl;
33   return 0;
34   // Wait For Output Screen
35   //Main Function return Statement
36   }
37
38   /*
39   To begin on line 22,25 & 27 there was no double slash // to not it as a comment
40   on line 32 we added the paranthesis in the sentence so it wont confuse it as code
41   on line 33 I added the return 0 so the code can execute and not get any errors
42
43   */
```

Output:

Correction:

```cpp
23    #include<iostream>
24    #include<conio.h>
25    //Standard namespace declaration
26    using namespace std;
27    //Main Function
28    int main()
29    {
30    double myMoney = 1000.50; //this should be printed out
31    //Standard Ouput Statement
32    cout << "Please be sure to correct all syntax errors in this program"<<endl;
33    cout<<"I have corrected all errors for this program." <<endl;
34    cout << "The total amount of money available is = " << myMoney << endl;
35    //Wait For Output Screen
36    //Main Function return Statement
37    return 0;
38    }
39
40    /*
41    Lines 25,27,31 and 36 needed double slash // to indicate it was a comment
42    line 32 it needed the << after the "cout" to start the sentence
43    line 33 was missing a paranthesis after the period of the sentence
44    line 34 was missing the myMoney variable after the first << to add the value after the sentance
45    */
```

Output: