

Console Application and Syntax Corrections

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CSC 450: Programming III

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CTA 1 Main Program Code

```
#include <iostream>

int main() {
    //Printing a first name, last name, street address, city and zip code for a fictional person.
    std::cout << "First Name: Jim\n";
    std::cout << "Last Name: Jimberson\n";
    std::cout << "Street Address: 100 Cabana Cay Cir\n";
    std::cout << "City: Panama City\n";
    std::cout << "Zip Code: 32405\n";

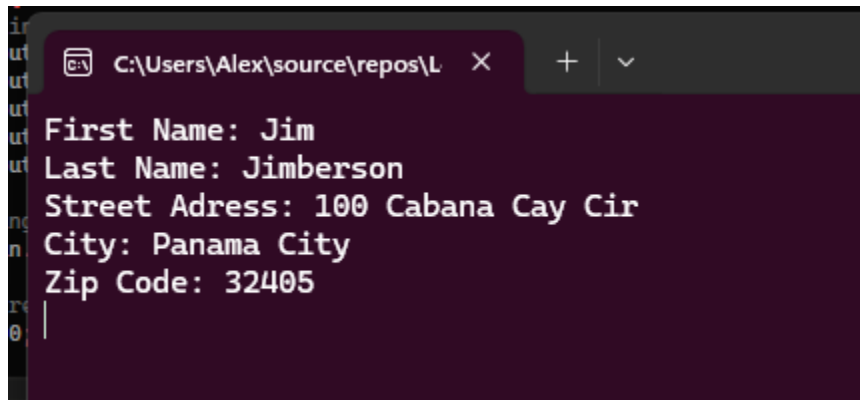
    //Waiting for output screen
    std::cin.get();

    //Main return statement.
    return 0;
}
```

CTA 1 Main Program Pseudocode

```
FUNCTION Main() {
    //Printing a first name, last name, street address, city and zip code for a fictional person.
    PRINT("First Name: Jim");
    PRINT("Last Name: Jimberson");
    PRINT("Street Address: 100 Cabana Cay Cir");
    PRINT("City: Panama City");
    PRINT("Zip Code: 32405");
}
```

Main Program Output Console Screenshot



Github Link

https://github.com/Alpentater/CSC450_Workspace/tree/main/CTA1

Syntax Corrections Program 1

```
/* Simple Program with a few Errors for Correction
   Please be sure to correct all outlined errors.*/

#include<iostream>
#include<conio.h>

//Standard namespace declaration
using namespace std;

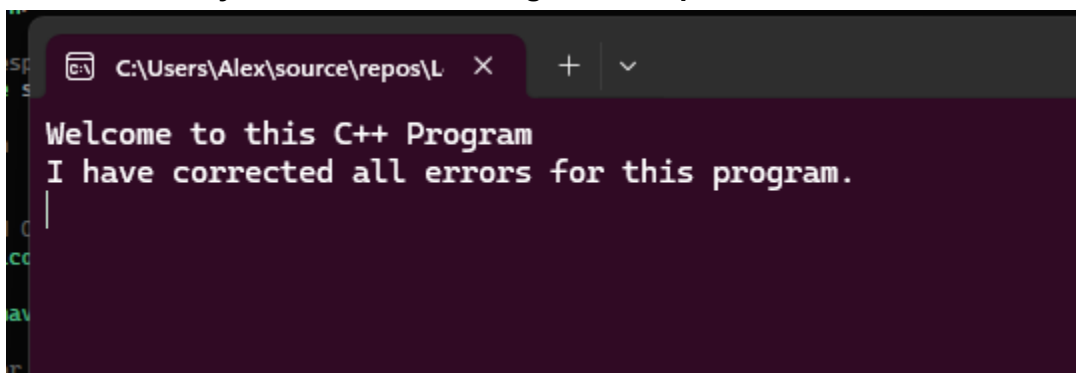
//Main Function
int main()
{
    //Standard Ouput Statement
    cout<<"Welcome to this C++ Program"<<endl;

    cout<<"I have corrected all errors for this program." << endl;

    // Wait For Output Screen
    cin.get();

    //Main Function return Statement
    return 0;
}
```

Syntax Corrections Program 1 Output Screenshot



Syntax Corrections Program 2

```
#include<iostream>
#include<conio.h>

//Standard namespace declaration
using namespace std;
```

```
//Main Function
int main()
{

    double myMoney = 1000.50; //this should be printed out


    //Standard Ouput Statement
    cout<<"Please be sure to correct all syntax errors in this program"<<endl;

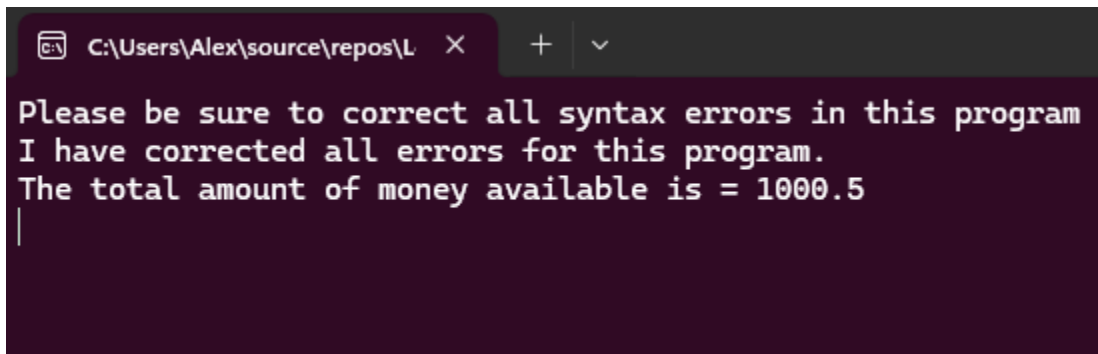
    cout<<"I have corrected all errors for this program." <<endl;

    cout<<"The total amount of money available is = "<< myMoney <<endl;

    // Wait For Output Screen
    std::cin.get();

    //Main Function return Statement
    return 0;
}
```

Syntax Corrections Program 2 Output Screenshot

A screenshot of a terminal window with a dark background. The window title bar shows the file path "C:\Users\Alex\source\repos\L" and standard window controls. The terminal output consists of three lines of text: "Please be sure to correct all syntax errors in this program", "I have corrected all errors for this program.", and "The total amount of money available is = 1000.5". A vertical cursor is visible on the line following the last output line.

```
C:\Users\Alex\source\repos\L X + v
Please be sure to correct all syntax errors in this program
I have corrected all errors for this program.
The total amount of money available is = 1000.5
|
```