

Git:

1. Source (Main.cpp)

```
#include <iostream>
#include <string>

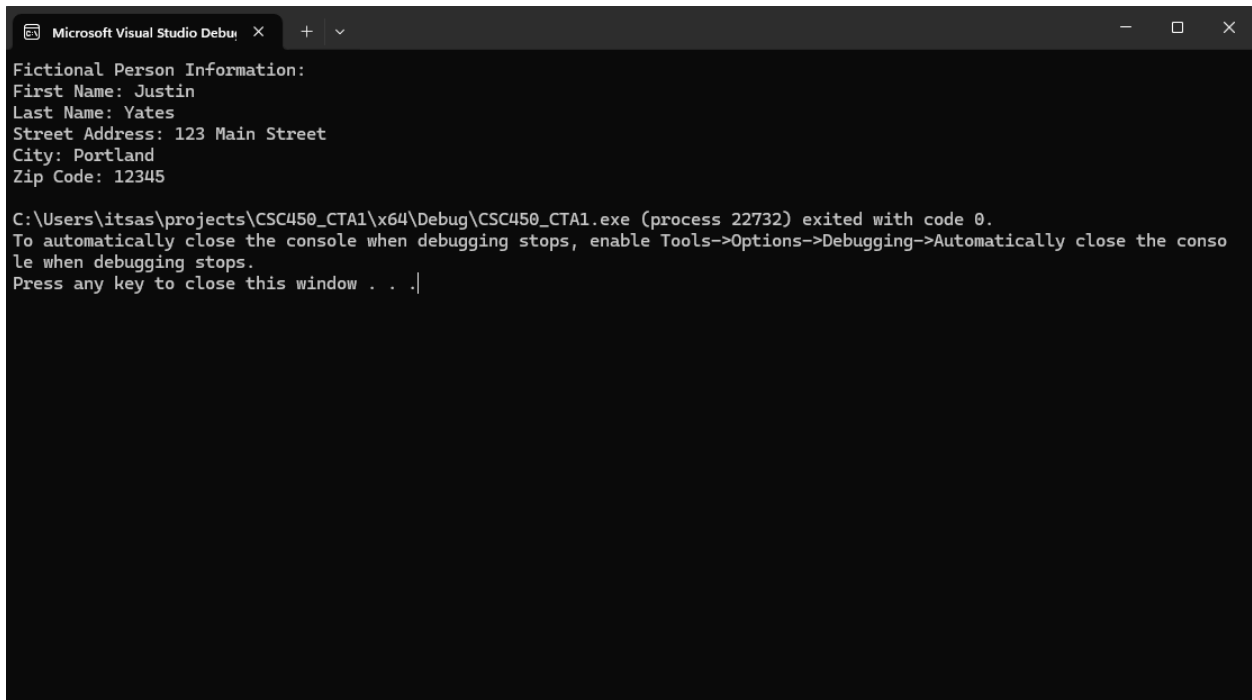
using namespace std;

int main() {
    // Variables to store fictional person details
    string firstName = "Justin";
    string lastName = "Yates";
    string streetAddress = "123 Main Street";
    string city = "Portland";
    string zipCode = "12345";

    // Display the fictional person's details
    cout << "Fictional Person Information:" << endl;
    cout << "First Name: " << firstName << endl;
    cout << "Last Name: " << lastName << endl;
    cout << "Street Address: " << streetAddress << endl;
    cout << "City: " << city << endl;
    cout << "Zip Code: " << zipCode << endl;

    return 0;
}
```

1. Runtime

A screenshot of the Microsoft Visual Studio Debug Console window. The window has a title bar with the text 'Microsoft Visual Studio Debug' and standard window controls. The console output shows fictional person information: 'Fictional Person Information: First Name: Justin, Last Name: Yates, Street Address: 123 Main Street, City: Portland, Zip Code: 12345'. Below this, it states 'C:\Users\itsas\projects\CSC450_CTA1\x64\Debug\CSC450_CTA1.exe (process 22732) exited with code 0.' and provides instructions on how to automatically close the console when debugging stops. The prompt 'Press any key to close this window . . .|' is visible at the bottom.

```
Microsoft Visual Studio Debug
Fictional Person Information:
First Name: Justin
Last Name: Yates
Street Address: 123 Main Street
City: Portland
Zip Code: 12345

C:\Users\itsas\projects\CSC450_CTA1\x64\Debug\CSC450_CTA1.exe (process 22732) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .|
```

2. Source (Corrections)

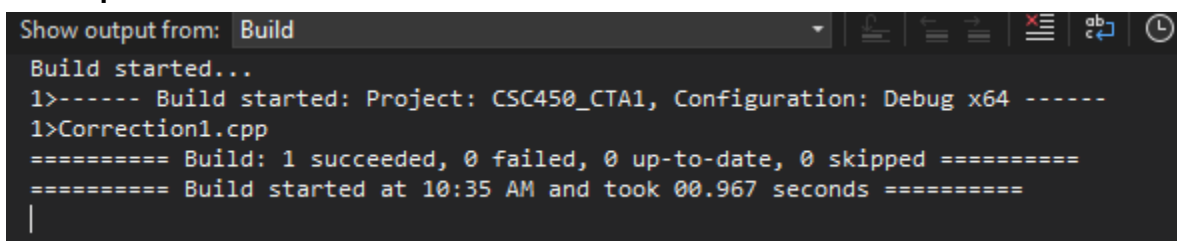
```
// Simple Program with a few Errors for Correction
#include <iostream> // Include necessary header for input and output
#include <conio.h> // Include header for console input/output (Windows-specific)

// Standard namespace declaration
using namespace std;

// Main Function
int correction1() {
    // Standard Output Statement
    cout << "Welcome to this C++ Program" << endl;
    cout << "I have corrected all errors for this program." << endl;

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

2. Compiled

A screenshot of the Visual Studio Build Output window. The 'Show output from:' dropdown is set to 'Build'. The output shows the build process for 'Correction1.cpp' in the 'CSC450_CTA1' project, 'Debug x64' configuration. It indicates that the build was successful, took 00.967 seconds, and started at 10:35 AM. The output is formatted with color-coded text (green for success, red for errors).

```
Show output from: Build
Build started...
1>----- Build started: Project: CSC450_CTA1, Configuration: Debug x64 -----
1>Correction1.cpp
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build started at 10:35 AM and took 00.967 seconds =====
|
```

3. Corrections

```
#include <iostream> // Include necessary header for input and output
#include <conio.h> // Include header for console input/output (Windows-specific)

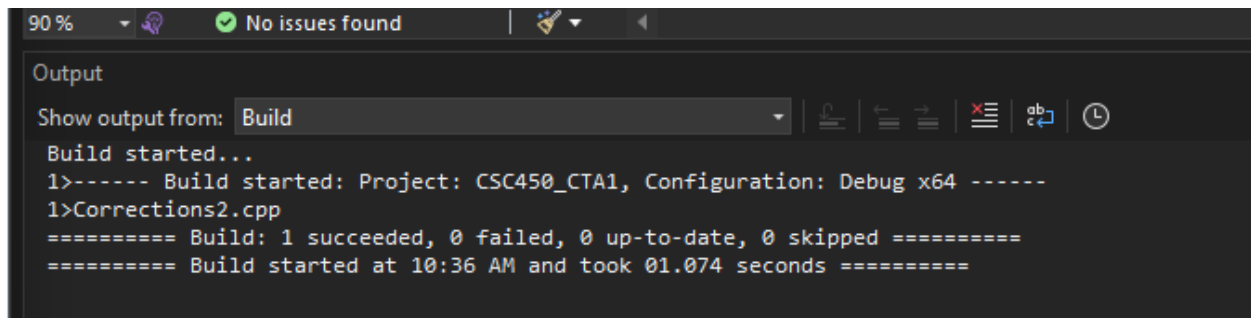
using namespace std; // Standard namespace declaration

int main() {
    double myMoney = 1000.50; // This should be printed out

    // Standard Output Statements
    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;

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

3. Compile



The screenshot shows the 'Output' window in Visual Studio. At the top, there's a status bar with '90 %', a search icon, a green checkmark, and the text 'No issues found'. Below this, the 'Output' window has a title bar and a toolbar with icons for 'Show output from', 'Copy', 'Paste', 'Find', 'Find Next', 'Find Previous', 'Find All', 'Copy All', and 'Clear'. The main area displays the following text:

```
Build started...
1>----- Build started: Project: CSC450_CTA1, Configuration: Debug x64 -----
1>Corrections2.cpp
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build started at 10:36 AM and took 01.074 seconds =====
```