Module 1 Critical Thinking Assignment

Programming III

CSC450-1 Fall 2025 Session C

Dr. Bindu George

Grant Brosovich

09/14/2025

**Fictional Person CTA1:**

//============================================================================

// Name : Module1.cpp

// Author :

// Version :

// Copyright : Your copyright notice

// Description : Hello World in C++, Ansi-style

//============================================================================

**#include** <iostream>

**#include** <string>

**using** **namespace** std;

**int** **main**() {

string firstname = "Grant";

string lastname = "Brosovich";

string streetAddress = "123 South Street";

string city = "Parker";

string zipcode = " 80000";

cout << "First Name: " << firstname << **endl**;

cout << "Last Name: " << lastname << **endl**;

cout << "Street Addres: " << streetAddress << **endl**;

cout << "City: " << city << **endl**;

cout << "Zip Code: " << zipcode << **endl**;

**return** 0;

}

**Pseudocode:**

Start -> Fictional Person

-Declare Variables

firstname, lastname, streetAddress, city, zipcode

-Display Variables

firstname, lastname, streetAddress, city, zipcode with unique introductory statements

End -> Fictional Program

A screenshot of a computer program

AI-generated content may be incorrect.

Simple declaration and display using C++ in Eclipse IDE. Built and ran as C++ application successfully.

**CTAmod1-1 Corrections:**

/\* Simple Program with a few Errors for Correction

\* Please be sure to correct all outline errors.

\*/

**#include** <iostream>

**#include** <conio.h>

//Standard namespace declaration

**using** **namespace** std;

//Main Function

**int** **main**() {

//Standard Output Statement

cout << "Welcome to this C++ Program" << **endl**;

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

//Wait for Output Screen

**getch**();

//Main function Return Statement

**return** 0;

}

A screenshot of a computer program

AI-generated content may be incorrect.

Added comment lines, corrected syntax for inclusions, added getch() for waiting for output screen, added return statement.

**CTA1 mod 1-2 Corrections:**

/\*

\* BrosovichCTA1mod1-2.cpp

\*

\* Created on: Sep 14, 2025

\* Author: BrosG

\*/

**#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 output 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

**getch**();

//Main Function return statement

**return** 0;

}

A screenshot of a computer program

AI-generated content may be incorrect.

Fixed inclusion syntax, added comment lines, added myMoney for correct variable pointing for display, added getch() for waiting for output screen

**Public Github Repository link:**

https://github.com/GrantBros/CSC450