

Module 1 Critical Thinking

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CSC450: Programming III

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Module 1 Critical Thinking

Repository location for Module 1 Critical Thinking assignment:

https://github.com/denniswed/csc450/tree/main/Module1/crit_think

Code:

```
#include <iostream>

#include <string>

int main() {
    // Different data types demonstration
    const std::string firstname = "Sigfroid";
    const std::string lastname = "Habberson";
    const std::string streetaddress = "144 Dead Elm St";
    const std::string city = "Springfield";
    const std::string state = "IL";
    const std::string zipcode = "62704";

    // Display the results
    std::cout << "Personal Information:" << std::endl;
    std::cout << "First Name: " << firstname << std::endl;
    std::cout << "Last Name: " << lastname << std::endl;
    std::cout << "Street Address: " << streetaddress << std::endl;
    std::cout << "City: " << city << std::endl;
    std::cout << "State: " << state << std::endl;
    std::cout << "Zip Code: " << zipcode << std::endl;

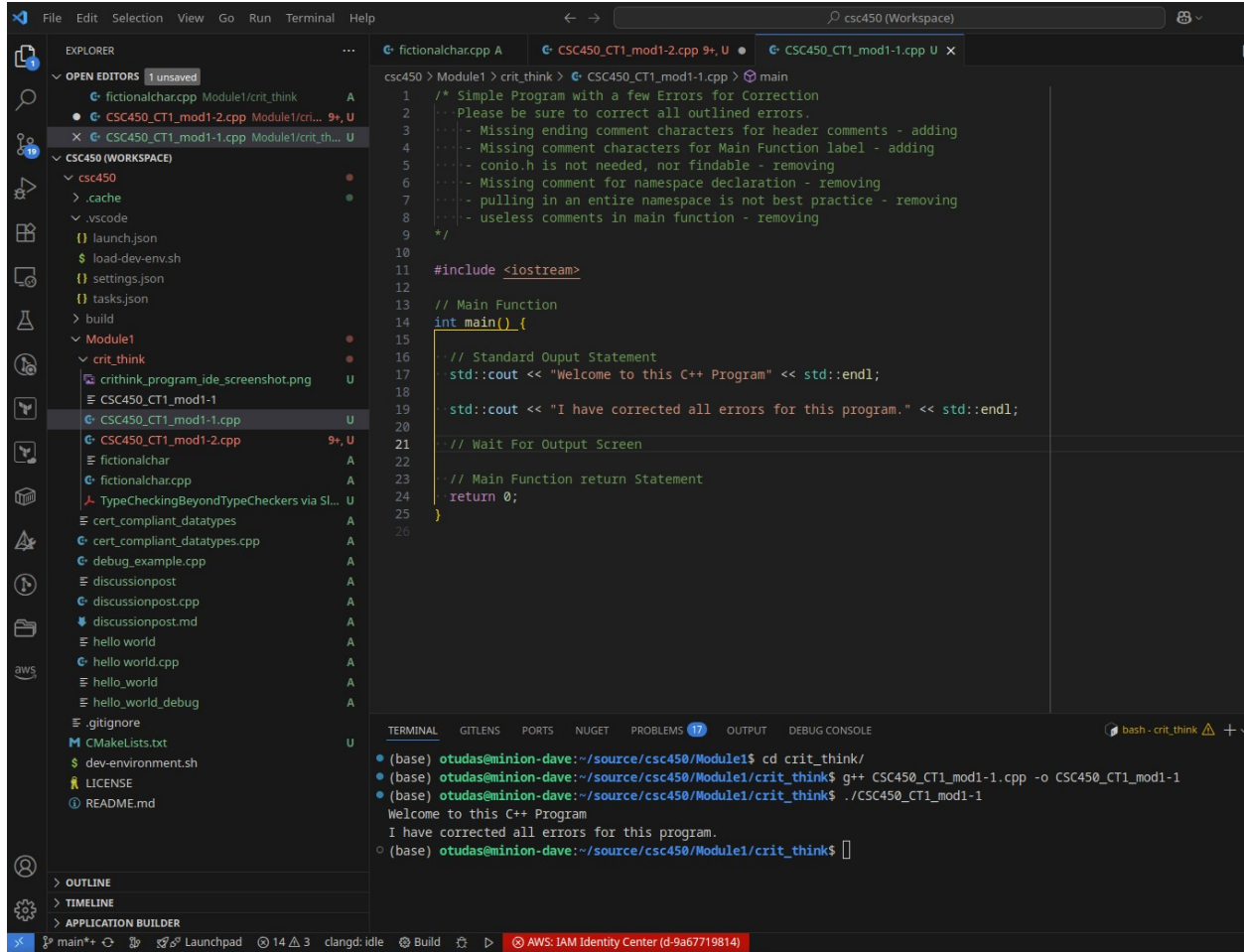
    return 0;
}
```

Screenshot of above compile and execution:

The screenshot shows a Visual Studio Code editor window with a workspace named 'csc450 (Workspace)'. The Explorer panel on the left shows the project structure, including a 'Module1' folder containing a 'crit_think' folder, which in turn contains a 'fictionalchar.cpp' file. The main editor displays the code for 'fictionalchar.cpp', which includes `<iostream>` and `<string>`, and defines a `main()` function that prints personal information for a character named Sigfroid Habberson. The Terminal panel at the bottom shows the command `./fictionalchar` being executed, resulting in the following output:

```
(base) otudas@minion-dave:~/source/csc450/Module1/crit_think$ ./fictionalchar
Personal Information:
First Name: Sigfroid
Last Name: Habberson
Street Address: 144 Dead Elm St
City: Springfield
State: IL
Zip Code: 62704
(base) otudas@minion-dave:~/source/csc450/Module1/crit_think$
```

Screenshot of debug 1:



Screenshot of debug 2:

