

CALCULATOR CODE:

```
#include <iostream>
using namespace std;

int main() {

    char op;
    float num1, num2;

    cout << "Enter operator: +, -, *, /: ";
    cin >> op;

    cout << "Enter two operands: ";
    cin >> num1 >> num2;

    switch(op) {

        case '+':
            cout << num1 << " + " << num2 << " = " << num1 + num2;
            break;

        case '-':
            cout << num1 << " - " << num2 << " = " << num1 - num2;
            break;

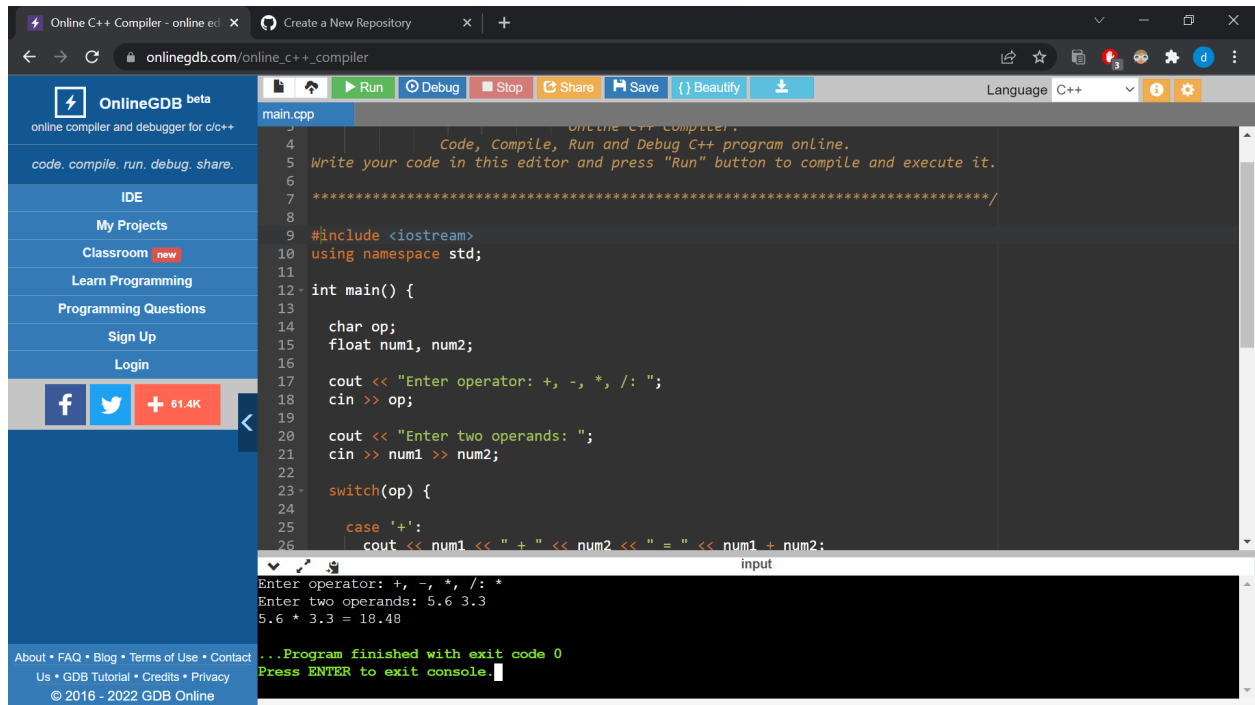
        case '*':
            cout << num1 << " * " << num2 << " = " << num1 * num2;
            break;

        case '/':
            cout << num1 << " / " << num2 << " = " << num1 / num2;
            break;

        default:
            // If the operator is other than +, -, * or /, error message is shown
            cout << "Error! operator is not correct";
            break;
    }

    return 0;
}
```

OUTPUT:



The screenshot shows the OnlineGDB website interface. On the left is a blue sidebar with navigation links: OnlineGDB beta, code.compile.run.debug.share., IDE, My Projects, Classroom (marked new), Learn Programming, Programming Questions, Sign Up, and Login. Below these are social media icons for Facebook and Twitter, and a red button with a plus sign and '61.4K'. At the bottom of the sidebar are links for About, FAQ, Blog, Terms of Use, Contact Us, GDB Tutorial, Credits, Privacy, and a copyright notice for 2016-2022 GDB Online.

The main area has a top toolbar with buttons for Run, Debug, Stop, Share, Save, and Beautify. Below the toolbar is a code editor showing a C++ program in 'main.cpp'. The code includes iostream, uses namespace std, and defines a main function that prompts for an operator and two operands, then calculates and displays the result using a switch statement. The code is as follows:

```
1 // Online C++ Compiler.  
2 Code, Compile, Run and Debug C++ program online.  
3 Write your code in this editor and press "Run" button to compile and execute it.  
4  
5 *****  
6  
7  
8  
9 #include <iostream>  
10 using namespace std;  
11  
12 int main() {  
13  
14     char op;  
15     float num1, num2;  
16  
17     cout << "Enter operator: +, -, *, /: ";  
18     cin >> op;  
19  
20     cout << "Enter two operands: ";  
21     cin >> num1 >> num2;  
22  
23     switch(op) {  
24  
25         case '+':  
26             cout << num1 << " + " << num2 << " = " << num1 + num2;  
27     }
```

Below the code editor is a console window labeled 'input' showing the program's execution. It displays the prompts and user input, followed by the calculated result and a completion message:

```
Enter operator: +, -, *, /: *  
Enter two operands: 5.6 3.3  
5.6 * 3.3 = 18.48  
...Program finished with exit code 0  
Press ENTER to exit console.
```