

Calculator #1

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Calculator.cpp*  Calculator (Global Scope)
1 // Calculator.cpp : This file contains the 'main' function. Program execution begins and ends the
2 //
3
4 #include <iostream>
5
6 int main()
7 {
8     std::cout << "Enter first value: ";
9     double x;
10    std::cin >> x;
11
12    std::cout << "\nEnter second value: ";
13    double y;
14    std::cin >> y;
15
16    std::cout << "\nEnter operator ";
17
18    std::string i;
19    std::cin >> i;
20
21    if (i == + ) {
22        std::cout << x + y;
23    } else if ( i == - ) {
24        std::cout << x - y;
25    } else if (i == * || i == x) {
26        std::cout << x * y;
27    } else if (i == / ) {
28        std::cout << x / y;
29    } else {
30        std::cout << " Can not do Function";
31    }
32
33 }
```

This is my first attempt with no help to make a calculator, I for some reason was getting an error on all the operators. I looked up the reasoning, it is because the “if” is looking for a variable or a number, not a character. And since “i” is a string it needs to be equal to a string. That's why when I put + it can't read that character. It has to be the same data type so: if (i == +) won't work but: if (i == “+”) does work. Its reading the input from the person if they are putting + or / and then doing the math with the actual operator and two values.