// C++ =========================================================> simple calculater

#include <iostream>

using *namespace* std;

*int* main() {

*double* x, y;

*char* op;

    cout << "Enter first number: ";

    cin >> x;

    cout << "Enter an operator (+, -, \*, /): ";

    cin >> op;

    cout << "Enter second number: ";

    cin >> y;

    switch(op) {

        case '+':

            cout << "Result = " << (x + y) << endl;

            break;

        case '-':

            cout << "Result = " << (x - y) << endl;

            break;

        case '\*':

            cout << "Result = " << (x \* y) << endl;

            break;

        case '/':

            if (y != 0)

                cout << "Result = " << (x / y) << endl;

            else{

                cout << "Error: Division by zero!" << endl;

            }

            break;

        default:

            cout << "Invalid Opreator !!" << endl;

    }

    return 0;

}