

main.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     char operation;
5     int num1, num2, result;
6
7     cout << "Enter operator (+, -, *, %, /): ";
8     cin >> operation;
9
10    cout << "Enter two numbers: ";
11    cin >> num1 >> num2;
12
13    switch (operation) {
14        case '+':
15            result = num1 + num2;
16            break;
17        case '-':
18            result = num1 - num2;
19            break;
20        case '*':
21            result = num1 * num2;
22            break;
23        case '%':
24            result = num1 % num2;
25            break;
26        case '/':
27            if (num2 != 0) {
28                result = num1 / num2;
29            } else {
30                cout << "Error: Division by zero is not allowed.";
31                return 1;
32            }
33            break;
34        default:
35            cout << "Invalid operator!";
36            return 1;
37    }
38
39    cout << "Result: " << result << endl;
40    return 0;
41 }
```

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