

Q 5: Write a C++ program to perform different arithmetic operation such as addition, subtraction, division, modulus and multiplication using inline function

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#include <iostream>
using namespace std;
inline int add(int x, int y) {return x+y;}
inline int sub(int x, int y) {return x-y;}
inline int pdt(int x, int y) {return x*y;}
inline int mod(int x, int y) {return x%y;}
inline int divd(int x, int y) {return x/y;}
int main() {
    int num1, num2;
    char opt;
    cout << "Enter the first number : ";
    cin >> num1;
    cout << "Enter the second number : ";
    cin >> num2;
    cout << "Enter the operation you want to perform (+, -, *, %, /) : ";
    cin >> opt;
    switch(opt) {
        case '+':
            cout << "Answer : " << add(num1, num2) << endl;
            break;
        case '-':
            cout << "Answer : " << sub(num1, num2) << endl;
            break;
        case '*':
            cout << "Answer : " << pdt(num1, num2) << endl;
            break;
        case '%':
            cout << "Answer : " << mod(num1, num2) << endl;
            break;
        case '/':
            cout << "Answer : " << divd(num1, num2) << endl;
            break;
        default:
            cout << "Invalid input!" << endl;
    }
    return 0;
}
```