1. Write a program to read in two integers and perform the following operations on them: addition,subtraction, multiplication, division, and modulo.

Program:

#include <iostream>

using namespace std;

int main() {

int num1, num2;

cout << "Enter first integer: ";

cin >> num1;

cout << "Enter second integer: ";

cin >> num2;

// Perform addition

cout << "Addition: " << num1 + num2 << endl;

// Perform subtraction

cout << "Subtraction: " << num1 - num2 << endl;

// Perform multiplication

cout << "Multiplication: " << num1 \* num2 << endl;

// Check if the second number is not zero before performing division

if (num2 != 0) {

// Perform division

cout << "Division: " << num1 / num2 << endl;

// Perform modulo

cout << "Modulo: " << num1 % num2 << endl;

} else {

cout << "Division by zero is not allowed." << endl;

}

return 0;

}

Output:

