1. Write a function to compute the sum of the digits of a given number.The function should return the sum of the digits of the number.

#include <iostream>

using namespace std;

int sumOfDigits(int n) {

int sum = 0;

n = abs(n);

while (n > 0) {

sum += n % 10;

n /= 10;

}

return sum;

}

int main() {

int n;

cout << "Enter a number: ";

cin >> n;

cout << "Sum of the digits of " << n << " is " << sumOfDigits(n) << endl;

}

OUTPUT

