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// Day 12 coding Statement: Write a program to find Sum of digits of a number
// Description: Get a number from user and then find the sum of the digits in the
given number.
// E.g. let the number = 341
// Sum of digits is 3+4+1= 8
// Input: 4521
// Output: 12

#include <iostream>
using namespace std;

int main()
{
    int number, reminder, digitSum;

    cout << "Input: ";
    cin >> number;

    for(digitSum = 0; number > 0; number = number / 10)
    {
        reminder = number % 10;
        digitSum += reminder;
    }
    cout << "Output: " << digitSum;

    return 0;
}
```