## **Sum of Digits of a Five Digit Number**

<https://www.hackerrank.com/contests/iwd-21-days-of-code/challenges/sum-of-digits-of-a-five-digit-number>

**Objective**

The modulo operator, %, returns the remainder of a division. For example, 4 % 3 = 1 and 12 % 10 = 2. The ordinary division operator, /, returns a truncated integer value when performed on integers. For example, 5 / 3 = 1. To get the last digit of a number in base 10, use 10 as the modulo divisor.

**Task**

Given a five digit integer, print the sum of its digits.

**Input Format**

The input contains a single five digit number, n .

**Constraints**

10000 <= n <= 99999

**Output Format**

Print the sum of the digits of the five digit number.

**Sample Input 0**

10564

**Sample Output 0**

16

**Solution :**

#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main() {

int n;

scanf("%d", &n);

//Complete the code to calculate the sum of the five digits on n.

return 0;

}