HackerRank

Sum of Digits of a Five Digit Number

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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

$10000 \leq n \leq 99999$

Output Format

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

Sample Input 0

```
10564
```

Sample Output 0

```
16
```

Change Theme Language: C

```c

#include <stdio.h>
#include <string.h>
#include <math.h>
#include <stdlib.h>

int main() {

    int n , sum =0 ,r;
    scanf("%d", &n);


    //Complete the code to calculate the sum of the five digits on n.
    while (n>0) {
        r=n%10;
```

```
16          sum=sum+r;
17          n=n / 10;
18
19
20      }
21
22    printf("%d",sum );
23
24
25
26
27
```

Line: 30 Col: 1

Upload Code as File | Test against custom input | Run Code | Submit Code

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Compiler Message

```
Success
```

Input (stdin) Download

```
1 10564
```

Expected Output Download

```
1 16
```