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;
    scanf("%d", &n);
    //Complete the code to calculate the sum of the five digits on n.
```

```
11      while(n)
12      {
13          sum+=n%10;
14          n=n/10;
15      }
16      printf("%d",sum);
17      return 0;
18  }
```

Line: 16 Col: 22

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

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
```