

<https://course.acciojob.com/idle?question=16734653-1efc-4add-9c55-cd019a8e339a>

- EASY
- Max Score: 30 Points

Given a number n . Your task is to find the sum of its digits using recursion.

****You have to complete `sumDigit` function which consists of single integer input n and returns the sum of its digits as integer output.**

Input Format

The only line contains integer n .

Output Format

Print the sum of digits in number n .

Example 1

Input

1111221

Output

9

Explanation

Here , the sum of digits is $1+1+1+1+2+2+1$ i.e. 9

Example 2

Input

6342516

Output

27

Explanation

Here , the sum of digits is $6+3+4+2+5+1+6$ i.e. 27

Constraints

$1 \leq N \leq 10^9$

Topic Tags

- Math
- Basics

My code

// in java

```
import java.util.*;  
import java.lang.*;  
import java.io.*;
```

```
public class Main  
{
```

```
    public static void main (String[] args) throws java.lang.Exception  
    {
```

```
        //your code here
```

```
        Scanner s=new Scanner(System.in);  
        int n=s.nextInt();  
        int c=0;
```

```
while(n>0)
{
    c= c+n%10;
    n/=10;
}
System.out.print(c);
}
```