https://course.acciojob.com/idle?question=f9f01de4-0294-49d9-b5fb-8bc59cf088ab

- EASY
- Max Score: 30 Points

Count 1

Given a number `N`, your task is to find the number of occurrences of the digit `1` in the number. Do it recursively.

Input Format

The first line contains an integer `N` denoting the number.

Output Format

For each test case return a number, denoting the number of occurrences of the digit `1` in the given number.

Example 1

Input

```
21121
```

Output

```
3
```

Explanation

There are 3 occurrences of the digit 1 in the number.

Example 2

Input

```
11245
```

Output

```
2
```

Explanation

There are 2 occurrences of the digit 1 in the number.

Constraints

1 <= N <= 10^9

Topic Tags

- **Recursion**

My code

```
// n java
import java.util.*;

class Solution{
    public static int count1(int n) {
        //Write your code here
                int ans=0;
                while(n>0)
                        {
                                int r=n%10;
                                n=n/10;
```

```
                    if(r==1)
                        ans++;
                }
            return ans;
    }
}
public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        Solution obj= new Solution();
        System.out.println(obj.count1(n));
        sc.close();
    }


}
```