- **EASY**
- **Max Score: 30 Points**

Frequency of digit

You are given a number n and a digit d.

You are required to calculate the frequency of the digit d in the number n.

Note:- Don't change the Function Definition in the solution Class just return the frequency to the main function and the main function prints the frequency.

Input Format

The first line of input contains an integer n.

Next line of input contains an integer d which represents the digit whose frequency has to be counted.

Output Format

Print the frequency of the given digit d.

Example 1

Input

```
986272
2
```

Output

```
2
```

Explanation

2 occurs 2 times in the given digit. Hence the output will be 2.

Example 2

Input

```
1973672936423
3
```

Output

```
3
```

Explanation

3 occurs 3 times in the given digit. Hence the output will be 3.

Constraints

$0 < n <= 9*10^{18}$

$0 <= d <= 9$

Note

You do not have to worry about classes and objects for now; just keep that abstract. We will cover everything related to classes and objects in Module 2. For the time being, understand the syntax only. This is only shown to you so that you can be able to complete the function of the question given to you in the contest; otherwise, there is no need to create a different class to solve the questions using the function.

Topic Tags

- **Math**

My code

```java
// 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);
        String str=s.next();
        char ch=s.next().charAt(0);
        int n=str.length();
        int count=0;
        for(int i=0;i<n;i++)
            {
                if(str.charAt(i)==ch)
                        count++;
            }
        System.out.print(count);
    }
}
```