**Count the characters**

Submissions: [4148](https://practice.geeksforgeeks.org/problem_submissions.php?pid=2607)  Accuracy:

23.7%

   Difficulty: [Basic](https://practice.geeksforgeeks.org/Basic/0/0/)   Marks: 1

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Given a string S. The task is to count the characters that have ‘N’ number of occurrences. If a character appears consecutively it is counted as 1 occurrence.

**Input:**  
The first line of input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case contains a string S and a number N as input.

**Output:**  
For each test case, print the count of characters in new line.

**Constraints:**  
1<=T<=100  
1<=|String length |<=104  
1<=N<=103

**Example:**  
**Input:**  
2  
abc 1  
geeksforgeeks 2

**Output:**  
3  
4

\*\* For More Input/Output Examples Use ['Expected Output'](https://practice.geeksforgeeks.org/problems/count-the-characters/0#ExpectOP) option \*\*

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<https://practice.geeksforgeeks.org/problems/count-the-characters/0>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static int CountTheCharacters(string s, int n)

{

Dictionary<int, int> frec =

new Dictionary<int, int>();

frec[s[0]] = 1;

for (int i = 1; i < s.Length; i++)

{

if (frec.ContainsKey(s[i]))

{

if (s[i] != s[i - 1])

{

frec[s[i]]++;

}

}

else

{

frec[s[i]] = 1;

}

}

int cont = 0;

foreach(KeyValuePair<int,int> kvp in frec)

{

if(kvp.Value == n)

{

cont++;

}

}

return cont;

}

static void Main(string[] args)

{

int t = int.Parse(Console.ReadLine());

while (t-- > 0)

{

string[] s = Console.ReadLine().Trim().Split(' ');

Console.WriteLine(CountTheCharacters(s[0], int.Parse(s[1])));

}

Console.ReadLine();

}

}

}