Problem Statement **Suggest Edit**

You are given a string 'S' of length 'N' consisting of lowercase English alphabet letters. You are also given a positive integer K.

Now, a substring of this string is good if contains at most K distinct characters. For example:

```
For S = ”abac” and K = 3, one of the good substrings will be “aba” as it contains
only two distinct characters.
```

Your task is to return the maximum size of any good substring of the string S.

Note: A string X is a substring of string Y if it can be obtained by deletion of several elements(possibly zero) from the beginning and the end from the string Y.

Input Format:

```
The first line of input contains an integer ‘T’ denoting the number of test cases
to run. Then the test case follows.

The first line of each test case contains a single integer ‘K’, denoting the
maximum number of distinct characters.

The second line of each test case contains a string S
```

Output Format:

```
For each test case, print the length of the longest substring that contains at
most K distinct characters.

Output for every test case will be printed in a separate line.

Note: You do not need to print anything; it has already been taken care of. Just
implement the given function.
```

Constraints:

```
1 <= T <= 10
1 <= K <= 26
1 <= N <= 10^4

All the characters of the string will lowercase English alphabet letters.

Time Limit: 1sec
```

Sample Input 1:

```
2
2
abcbc
1
abccc
```

Sample Output 1:

```
4
3
```

Explanation Of The Sample 1:

```
Test Case 1: K = 2, so we can choose substring ‘bcbc’ having 2 distinct character
which is less than or equal to K = 2.

We cannot get any other substring of length 5 or more having distinct characters
less than or equal to 2.

Test Case 2: K = 1, so we can choose substring ‘ccc’ having only 1 distinct
character which is less than or equal to K = 1.

We cannot get any other substring of length 4 or more having distinct characters
less than or equal to 1.
```

Sample Input 2:

```
1
6
abcba
```

Sample Output 2:

```
5
```