

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

E. Maximum distinct

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

You have a string s of length N .

You have to print the maximum number of distinct letters you can obtain by taking a substring of length k .

Input

The first line of input contains two integers N, k ($1 \leq k \leq N \leq 10^6$).

The second line contains string s of length N , contains lower case only.

Output

The only line output print the maximum number of distinct letters you can obtain by taking a substring of length k .

Example

input	Copy
10 5 icpcassiut	
output	Copy
4	

ICPC Assiut University Training - Standard - Juniors Phase 1

Public

Participant

→ Group Contests

- Standard #5 (Bits , bit-masking)
- Standard #4 (Binary search , two pointers)
- Standard #3 (set , sorting, compare function , map)
- Standard #2 (binary search , stack , queue, deque , priority queue)
- Standard #1 (Frequency , prefix sum , vector , pair ,struct)

Standard #4 (Binary search , two pointers)

Finished

Practice

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Submit?

Language: GNU G++20 11.2.0 (64 bit, w

Choose file: Choose File No file chosen

Submit

→ Last submissions

Submission	Time	Verdict
226726358	Oct/05/2023 14:23	Accepted
226726091	Oct/05/2023 14:21	Accepted
226724297	Oct/05/2023 14:06	Accepted
226722334	Oct/05/2023 13:49	Wrong answer on test 102
226721836	Oct/05/2023 13:44	Wrong answer on test 3
226721627	Oct/05/2023 13:42	Runtime error on test 2
226721316	Oct/05/2023 13:39	Runtime error on test 2