Logo

STUDENT REPORT

DETAILS

Name

B SUSHMITA

Roll Number

3BR23CA021

EXPERIMENT

Title

BEST GRADE

Description

Andrew has a string N consisting of lowercase English letters representing respective grades of N students in his class. His grade is at Pth index. He can swap any two adjacent grades.

Your task is to help Andrew find and return a string value, representing maximized grade by bringing lexicographically smallest character on the Pth index after doing at most K swaps

Note: use 1 based indexing.

Input format:

(i) The first line contains the string s.

(ii) The second line contains the integer P.

(iii) The third line contains the integer K.

Sample Input:

abcdefg

3

2

Sample Output:

a

Source Code:

```
a = input()
p = int(input())
k = int(input())
s = max(0, p - k - 1)
e = min(len(a), p + k)
print(min(a[s:e]))
```

RESULT

5 / 5 Test Cases Passed | 100 %