



STUDENT REPORT

DETAILS

Name

PREETHI K

Roll Number

3BR23CS120

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

3Bk-

S120

223C~

1 3BR-
3BR2~

S120
120 '3

223C~
23CS'i

1 3BR2~
3BRP