



STUDENT REPORT

DETAILS

Name

TAHIR TAMAM V

Roll Number

3BR23CA109

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

3BR

1109

23CA

3BR
23CA

109
3BR

23CA
1109

3BR
23CA