



## STUDENT REPORT

### DETAILS

Name

MEHABOOB BASHA

Roll Number

KUB23ECE022

### 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 **P**th 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 **P**th 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 %

