



# STUDENT REPORT

## DETAILS

### Name

DEVARAJ GADIGEPPA CHANDUR

### Roll Number

KUB23CSE037

## 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

KUB-

SE03-

B23C-

37 KU  
SE03

CSE03  
B23C-

UB23  
37 K-

037 K  
3 C-