



# STUDENT REPORT

## DETAILS

### Name

YASHODHAR S

### Roll Number

TEMPBTech-EEE123

## 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

TEM.

ech-E.

23 TE.

2Tech-  
4pBTe-

123  
EEE12-

2BTeC,  
MPB,

EE123 -  
-EF