



STUDENT REPORT

DETAILS

Name

Sravani

Roll Number

382388097

EXPERIMENT

Title

BEST GRADE

Description

Andrew has a string M consisting of lowercase English letters representing respective grades of M 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:

Import necessary modules

```
import unittest
```

```
from datetime import datetime
```

```
class SafetyReport:
```

```
    """
```

```
    Class to manage safety reports with CRUD functionality.
```

```
    """
```

```
    def __init__(self):
```

```
        self.reports = {}
```

```
        self.next_id = 1
```

```
    def create_report(self, description, location):
```

```
        """
```

```
        Create a new safety report.
```

```
        """
```

```
        report_id = self.next_id
```

```
        self.reports[report_id] = {
```

```
            'description': description,
```

```
            'location': location,
```

```
            'created_at': datetime.now(),
```

```
            'status': 'Active'
```

```
        }
```

```
        self.next_id += 1
```

```
        return report_id
```

```
    def read_report(self, report_id):
```

```
        """
```

```
        Read an existing safety report by ID.
```

RESULT

0 / 5 Test Cases Passed | 0 %