Dickinson 2017: Substring Reversi

In this problem you will reverse substrings within a larger string. For example, given the string "Substring Reversi" the string "SubstreveR gnirsi" is produced by reversing the characters between indices 5 and 14.

Input Format

The first line of the input contains a single integer N (0 < N <= 1000), indicating the number of strings to be processed. For each string to be processed there will be a pair of lines. The first line of the pair gives a string, S of length k (0 < k <= 1000), to be processed. The second line of the pair gives 2 integers, i and j (0 <= i <= j < k). The substring between indices i and j, inclusive, are to be reversed.

Constraints

See above.

Output Format

For each string, the processed string with the sub-string reversed should be output on a single line.

Sample Input 0

```
3
Substring Reversi
5 14
SubstreveR gnirsi
3 7
SubvertseR gnirsi
7 10
```

Sample Output 0

```
SubstreveR gnirsi
SubvertseR gnirsi
Subvert Resgnirsi
```