KthCharacter

Given a string S and 3 integers - L,R and K. L and R specifying the range in the string. You have to find the Kth smallest alphabet(lexicographically) in the range. There will be Q queries.

Input Format

First line contains 2 integers N, Q - Length of string and queries respectively. Second line contains a string S of length N. Next Q lines contains 3 space separated integers L,R and K.

Constraints

N <= 50000 Q <= 50000 1 <= L<=R <=N 1 <= K <= (R-L+1) The string contains only lowercase english alphabet

Output Format

Print the Kth smallest alphabet.

Sample Input 0

```
10 4
helloworld
1 4 2
1 4 3
1 10 9
3 8 6
```

Sample Output 0

```
h
l
r
w
```