# 10324 Zeros and Ones

Given a string of 0's and 1's up to 1000000 characters long and indices i and j, you are to answer a question whether all characters between position  $\min(i,j)$  and position  $\max(i,j)$  (inclusive) are the same.

#### Input

There are multiple cases on input. The first line of each case gives a string of 0's and 1's. The next line contains a positive integer n giving the number of queries for this case. The next n lines contain queries, one per line. Each query is given by two non-negative integers, i and j. For each query, you are to print 'Yes' if all characters in the string between position  $\min(i,j)$  and position  $\max(i,j)$  are the same, and 'No' otherwise.

### **Output**

Each case on output should start with a heading as in the sample below. The input ends with an empty string that is a line containing only the new line character, this string should not be processed. The input may also with end of file. So keep check for both.

### Sample Input

## Sample Output

```
Case 1:
No
Yes
Yes
Case 2:
Yes
Yes
No
Yes
```

No

Case 3:

Yes