`<C∗deVita/>`
The TCS Global Coding Contest

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Coding Area

A	B	C	D	E	F

ONLINE EDITOR (A)

02 Hr **24** Min **16** Sec

String Rotation

➕ Problem Description

Rotate a given String in specified direction by specified magnitude.

After each rotation make a note of first character of the rotated String, After all rotation are performed the accumulated first character as noted previously will form another string, say **FIRSTCHARSTRING**.

Check If **FIRSTCHARSTRING** is an Anagram of any substring of the Original string.

If yes print "YES" otherwise "NO".

➕ Constraints

1 <= Length of original string <= 30

1<= q <= 10

➕ Input Format

The first line contains the original string s. The second line contains a single integer q. The ith of the next q lines contains character d[i] denoting direction and integer r[i] denoting the magnitude.

➕ Output

YES or NO

➕ Test Case

➕ Explanation

Example 1

Input

carrace 3 L 2 R 2 L 3

Output

NO

Explanation After applying all the rotations the **FIRSTCHARSTRING** string will be "rcr" which is not anagram of any sub string of original string "carrace".

Upload Solution [Question : A]

☐ I, **mohit negi** confirm that the answer submitted is my own.

☐ Took help from online sources (attributions)

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