# Check if string is rotated by two places

Given two strings, the task is to find if a string ('a') can be obtained by rotating another string ('b') by two places.
Examples:

```
Input : a = "amazon"
        b = "azonam"  // rotated anti-clockwise
Output : 1

Input : a = "amazon"
        b = "onamaz"  // rotated clockwise
Output : 1
```

**Input:**
The first line of input contains an integer T denoting the no of test cases. Then T test cases follow. In the next two line are two string a and b.

**Output:**
For each test case in a new line print 1 if the string 'a' can be obtained by rotating string 'b' by two places else print 0.

**Constraints:**
1<=T<=50
1<=length of a, b <100

**Example:**
**Input:**
2
amazon
azonam
geeksforgeeks

geeksgeeksfor

**Output:**
1
0