B	Giant and Sifat	Time limit: 1 sec

One day Sifat and his mysterious friend went to jungle to had a picnic . They were so involved with their conversation that they lost their way back to home . It was already quiet late and so they decided to find a safe place to spend rest of the night . They found a cave that was big and clean . They thought it was the best place to wait for dawn and then they could easily find their way back to home . But Alas it was a cave of Giant "You know who" . At mid night Giant , "you know who" came back to his cave and caught Sifat and his mysterious friend.

 It was Sifat's good luck or bad luck Giant "you know who" was vegetarian but didn't want to lose the chance to play with Sifat and his mysterious friend . Giant , "you know who" used to be a problem solver so he told Sifat that he would give him a sentence "S" and a word "s" . Sifat had to find how many times word "s" occurs as a substring of "S" (you can safely omit all spaces from the sentence in order to find the substring occurrence).

Input:

Input starts with an integer T (T <= 30) , denoting the number of test cases .
Each case starts with two line . First line contains 'S' and second line contains 's'.

1 ≤ length(S) ≤ 10 ^ 5
1 ≤ length(s) ≤ length(S)

Output:

For each case first print case number and then print number of times (s) occur (s) as a substring in S after removing all spaces from S .

Input	Output
4 axb ycz d abc ab cab cabc abc abc aab acbaa bbaaz aab aaaaaa aa	Case 1: 0 Case 2: 4 Case 3: 2 Case 4: 5