**Day 41 coding Statement : Check if two strings match where one string contains wildcard characters**

**Description**

Get two strings as input from the user, first with wildcard characters (\* and ?) and second without wildcard characters.

Then check whether they match or not.

**Input**

Ta\*\*nt

Talent

**Output**

Yes they match

import java.util.Scanner;

public class RatanPrajapati\_day41 {

    static boolean match(String first, String second) {

        if (first.length() == 0 && second.length() == 0)

            return true;

        if (first.length() > 1 && first.charAt(0) == '\*') {

            int i = 0;

            while (i + 1 < first.length() && first.charAt(i + 1) == '\*')

                i++;

            first = first.substring(i);

        }

        if (first.length() > 1 && first.charAt(0) == '\*' &&

                second.length() == 0)

            return false;

        if ((first.length() > 1 && first.charAt(0) == '?') ||

                (first.length() != 0 && second.length() != 0 &&

                        first.charAt(0) == second.charAt(0)))

            return match(first.substring(1),

                    second.substring(1));

        if (first.length() > 0 && first.charAt(0) == '\*')

            return match(first.substring(1), second) ||

                    match(first, second.substring(1));

        return false;

    }

    static void test(String first, String second) {

        if (match(first, second))

            System.out.println("Yes they match");

        else

            System.out.println("No");

    }

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        String first = sc.next();

        String second = sc.next();

        test(first, second);

    }

}