public class Task5 {

    public static String reverseString(String str) {

        return new StringBuilder(str).reverse().toString();

    }

    public static int countOccurrences(String text, String sub) {

        int count = 0, index = 0;

        while ((index = text.indexOf(sub, index)) != -1) {

            count++;

            index += sub.length();

        }

        return count;

    }

    public static String splitAndCapitalize(String str) {

        String[] words = str.split(" ");

        StringBuilder result = new StringBuilder();

        for (String word : words) {

            if (!word.isEmpty()) {

                result.append(Character.toUpperCase(word.charAt(0)))

                      .append(word.substring(1)).append(" ");

            }

        }

        return result.toString().trim();

    }

    public static void main(String[] args) {

        String testString = "hello world";

        System.out.println("Reversed: " + reverseString(testString));

        System.out.println("Occurrences of 'l': " + countOccurrences(testString, "l"));

        System.out.println("Capitalized: " + splitAndCapitalize(testString));

    }

}