import java.io.File;

import java.util.Arrays;

import java.util.Scanner;

public class wordjumble {

public static void main(String[] args) throws Exception {

File fileText = new File("in.txt");

Scanner s = new Scanner (fileText);

String org = s.nextLine();

String[] myArr = org.split(" ");

for (int a = 0; a < myArr.length; a++) {

String old = myArr[a];

String scramble = "";

char[] oldChar = old.toCharArray();

char[] newChar = new char[oldChar.length];

newChar[0] = oldChar[oldChar.length-1];

for (int b = 1; b < oldChar.length; b++) {

newChar[b] = oldChar[b-1];}

scramble = String.valueOf(newChar);

scramble = scramble.toUpperCase();

System.out.format("%-11s%-11s", myArr[a], scramble);

System.out.println();

}

s.close();

}

}