import java.util.\*;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String sentence=sc.nextLine();

LetterSequence obj=new LetterSequence(sentence);

TreeMap<Character,Integer> result= obj.computeFrequency();

obj.displayLetterFrequency(result);

}

}

public class LetterSequence {

private String sentence;

LetterSequence(String sentence){

this.sentence=sentence;

}

public TreeMap<Character,Integer> computeFrequency(){

TreeMap<Character,Integer> map=new TreeMap<Character,Integer>();

for(int i=0;i<sentence.length();i++){

char ch = sentence.charAt(i);

if(ch==' ')

continue;

if(map.containsKey(ch))

map.put(ch,map.get(ch)+1);

else

map.put(ch,1);

}

return map;

}

public void displayLetterFrequency(TreeMap<Character,Integer> frequencyMap){

for(Map.Entry<Character,Integer> entry:frequencyMap.entrySet()){

System.out.print(entry.getKey()+":");

for(int i=1;i<=entry.getValue();i++)

System.out.print("\*");

System.out.println();

}

}

}

