import java.util.Scanner;

import java.util.ArrayList;

import java.io.File;

import java.io.IOException;

import java.util.TreeMap;

public class HistoMap {

public static void main(String[] args) {

Scanner data = null;

TreeMap<String,Integer> count;

Integer idx;

String word;

Integer wordCount;

try {

data = new Scanner(new File("alice30.txt"));

}

catch ( IOException e) {

System.out.println("Sorry but I was unable to open your data file");

e.printStackTrace();

System.exit(0);

}

count = new TreeMap<String,Integer>();

while(data.hasNext()) {

word = data.next().toLowerCase();

for (Integer i = 0; i < word.length(); i++) {

if (word.charAt(i) == "'" || or word.charAt(i) == "," ||

word.charAt(i) == "(" || word.charAt(i) == ")" || word [i] == "-"

|| word.charAt(i) == "." || word.charAt(i) == "?"

) {

word.split(word.charAt(i))

}

}

wordCount = count.get(word);

if (wordCount == null) {

wordCount = 0;

}

count.put(word,++wordCount);

}

for(String i : count.keySet()) {

System.out.printf("%-20s occured %5d times\n", i, count.get(i) );

}

}

}