/\*Write a java program to sort the strings in lexographical order

sample

//input

4

word hard dream big

//output

big dream hard work

\*/

import java.util.Scanner;

class LOrder

{

Scanner sc= new Scanner(System.in);

int n;

String temp,Sarr[];

void read()

{

n=sc.nextInt();

Sarr=new String[n];

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

{

Sarr[i]=sc.next();

}

}

void fun()

{

for(int i=0;i<Sarr.length-1;i++)

{

for(int j=i+1;j<Sarr.length;j++)

{

if(Sarr[i].compareTo(Sarr[j])>0)

{

temp=Sarr[i];

Sarr[i]=Sarr[j];

Sarr[j]= temp;

}

}

}

for (int i=0;i<n;i++)

{

System.out.println(Sarr[i]);

}

}

}

class Test

{

public static void main(String args[])

{

LOrder l=new LOrder();

l.read();

l.fun();

}

}

/\* Write a java program to find longest word in a sentence

sample

input =welcome to kmit

output =welcome

\*/

import java.util.Scanner;

class test

{

Scanner sc=new Scanner(System.in);

String str,Sarr[];

int temp;

void read()

{

str=sc.nextLine();

Sarr=str.split(" ");

}

void fun()

{

int max=Sarr[0].length();

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

{

if(Sarr[i].length()>max)

{

max=Sarr[i].length();

temp=i;

}

}

System.out.println(Sarr[temp]);

}

}

class Test

{

public static void main(String args[])

{

test t=new test();

t.read();

t.fun();

}

}

// write a java program to read n strings from keyboard and then print the srings wch begins with the particular character

import java.util.Scanner;

class ReadString

{

Scannersc=new Scanner(System.in);

int n;

String s[];

char sval,eval;

void read()

{

n=sc.nextInt();

s=new String[n];

for(int i=0;i<n;i++)

{

s[i]=sc.nextLine();

}

sval=sc.next();

eval=sc.next();

}

void fun()

{

for(int j=0;j<n;j++)

{

if(s[j].startswith(&ch) && s[j].endswith(&ch))

{

}

}

}

}

class Strings

{

public static void main(String args[])

{

ReadString s=new ReadString();

s.read();

s.fun();

}

}

/\* Write a java program to remove all the digits and special characters from the

input string and display the output in the specified format

sample

input = &\*re(9m)o^v6e

output = remove

total number of digits removed = 2

total number of special characters removed = 5

\*/

import java.util.\*;

class Aravind

{

Scanner sc = new Scanner(System.in);

String str,s;

void read()

{

str=sc.next();

int count=0,dcount=0;

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

{

if( str.charAt(i)>=48 && str.charAt(i)<=57)

{

dcount++;

}

if(!((str.charAt(i)>=65 && str.charAt(i)<=90)||(str.charAt(i)>=97 &&str.charAt(i)<=122)||(str.charAt(i)>=48 && str.charAt(i)<=57)))

{

count++;

}

if((str.charAt(i)>=65 && str.charAt(i)<=90) ||(str.charAt(i)>=97 &&str.charAt(i)<=122))

{

System.out.print(str.charAt(i));

}

}

System.out.println("\ntotal number of digits removed ="+dcount);

System.out.println("total number of special characters removed = "+(count));

}

}

class Test

{

public static void main(String args[])

{

Aravind m = new Aravind();

m.read();

}

}

////////////

import java.util.\*;

class test

{

Scanner sc = new Scanner(System.in);

String str;

int flag=0,i,j;

void read()

{

str=sc.next();

}

void display()

{

char s[]=str.toCharArray();

for(i=0;i<s.length-1;i++)

{

for(j=i+1;j<s.length;j++)

{

if(s[i]==s[j])

{

flag=1;

}

}

}

if (flag==1)

{

System.out.println("not unique");

}

else

{

System.out.println("unique");

}

}

}

class unique

{

public static void main(String args[])

{

test t = new test();

t.read();

t.display();

}

}

//////////////////

//read a secntence and try to print words stating with vowel along with its length

import java.util.\*;

class test

{

Scanner sc = new Scanner(System.in);

String str;

void read()

{

str=sc.nextLine();

int count=0;

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

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

{

char ch=s[i].charAt(0);

if(ch=='a'||ch=='e'||ch=='i'||ch=='o'||ch=='u'||ch=='A'||ch=='E'||ch=='I'||ch=='O'||ch=='U')

{

System.out.println(s[i]+"-"+s[i].length());

count++;

}

}

System.out.println("no of words ="+count);

}

}

class Test

{

public static void main(String args[])

{

test t = new test();

t.read();

}

}

/\*Write a java program to sort the strings in lexographical order

sample

//input

4

word hard dream big

//output

big dream hard work

\*/

import java.util.Scanner;

class LOrder

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void read()

{

n=sc.nextInt();

Sarr=new String[n];

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

{

Sarr[i]=sc.next();

}

}

void fun()

{

for(int i=0;i<Sarr.length-1;i++)

{

for(int j=i+1;j<Sarr.length;j++)

{

if(Sarr[i].compareTo(Sarr[j])>0)

{

temp=Sarr[i];

Sarr[i]=Sarr[j];

Sarr[j]= temp;

}

}

}

for (int i=0;i<n;i++)

{

System.out.println(Sarr[i]);

}

}

}

class Test

{

public static void main(String args[])

{

LOrder l=new LOrder();

l.read();

l.fun();

}

}