Test your program for the following data and some random data.

SAMPLE DATA:

INPUT:

This is human resource department.

OUTPUT:

Department Resource Human This Is.

INPUT:

To handle yourself use your head and to handle others use your heart.

OUTPUT:

Yourself Handle Handle Others Heart head Your Your And Use Use To To.

```java
// To arrange the words in a sentence in descending order
import java.io.*;
public class Sentence
{
public static void main(String args[ ])throws IOException
{
InputStreamReader read=new InputStreamReader(System.in);
BufferedReader in=new BufferedReader(read);
String word[]=new String[50];
String str, temp="";
int a, i, j, k, n=0, c, len;char ch;
System.out.println("Enter a sentence and terminated with a full stop");
str=in.readLine();
str=str.toLowerCase();
len=str.length();
for(a=0;a<len;a++ )
{
if(str.charAt(a)!=' 'andand str.charAt(a)!='.')
{
temp=temp+str.charAt(a);
}
else
{
word[n++ ]=temp;
temp="";
}
}// end of a loop
for(i=0;i<n-1;i++ )
{
for(j=i+1;j<n;j++ )
{
if(word[i].length()<word[j].length())
{
temp=word[i];
word[i]=word[j];
word[j]=temp;
}
if(word[i].length()== word[j].length())
{
if(word[i].compareTo(word[j])>0)
{
temp=word[i];
word[i]=word[j];
word[j]=temp;
}
```

```java
}
}// end of j loop
}// end of i loop
System.out.println("The word present in the sentence arranged in descending order:");
for(k=0;k<n;k++ )
{
    ch=word[k].charAt(0);
    ch=Character.toUpperCase(ch);
    word[k]=ch+word[k].substring(1);
    System.out.print(word[k]+" ");
}// end of k loop
System.out.print(".");
}// end of main function
}// end of class
```