import java.util.\*;

String[][] comparision;

public class Student{

public static void main(String[] args){

System.out.println("Enter no. of events:");

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

String[] s=new String[n];

System.out.print("Enter each event:");

String ipt=sc.nextLine();

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

{

s[i]=sc.nextLine();

}

int c=0,dif=0,served\_count;

i=c;

while(s[i].notequals("SERVED")){

i++;

}

if(i==n){

dif=i-1;

while(s[i].equals("SERVED")){

served\_count++;

}

calculate(s[],c,diff,served\_count);

}

c=i;

public void calculate(String[] s,int enter\_start,int enter\_end,total\_serve)

{

for(int i=enter\_start;i<=enter\_end;i++)

{

int j=0;

comparision=new String[enter\_end+1][3];

StringTokenizer st=new StringTokenizer(s[i]," ");

if(st.hasMoreTokens())

comparision[j][0]=st.next();

if(st.hasMoreTokens())

comparision[j][1]=st.next();

if(st.hasMoreTokens())

comparision[j][2]=st.next();

if(st.hasMoreTokens())

comparision[j][3]=st.next();

j++;

}

int c=enter\_end-start\_end;

//comparision on the basis of CGPA

for(i=0;i<c;i++)

{

for(j=0;j<c-i;j++)

{

String temp;

int first=Integer.parseInt(comparision[j][2]);

int second=Integer.parseInt(comparision[j+1][2]);

if(first>=second){

temp=comparision[j][2];

comparision[j][2]=comparision[j+1][2];

comparision[j+1][2]=temp;

temp=comparision[j][1];

comparision[j][1]=comparision[j+1][1];

comparision[j+1][1]=temp;

temp=comparision[j][3];

comparision[j][3]=comparision[j+1][3];

comparision[j+1][3]=temp;

}

}

}

}

}

}