import java.util.Scanner; import java.util.\*; public class Main{ public static void main(String[] args){ Scanner sc=new Scanner(System.in); LinkedHashMap<Float,String> hm=new LinkedHashMap<Float,String>(); System.out.println("Enter the number of teams"); int t = sc.nextInt(); if(t<=1){ System.out.println("Invalid input"); System.exit(0); }float min\_sum =Float.MAX\_VALUE; int m= t; float sum=0; System.out.println("Enter the details"); for(int k=0;k<t;k++){ sum=0; String str=sc.next(); String arr1[]= str.split(":"); int n =arr1.length; float arr[]=new float[4];arr[0]=Float.parseFloat(arr1[1]); arr[1]=Float.parseFloat(arr1[2]); arr[2]=Float.parseFloat(arr1[3]); arr[3]=Float.parseFloat(arr1[4]); if(arr[0]<1.0 || arr[1]<1.0 || arr[2]<1.0 || arr[3]<1.0){ System.out.println("Invalid number"); return; } sum = arr[0]+arr[1]+arr[2]+arr[3]; hm.put(sum,arr1[0]); for(int i=0;i<t;i++){ if(sum<min\_sum) min\_sum=sum; }}String minKey= hm.get(min\_sum); if(minKey.equals("Prince")){ System.out.printf("King"+" team wins the race in %.2f minutes",min\_sum); }else{ System.out.printf(minKey+" team wins the race in %.2f minutes",min\_sum); } } }