**ALGORITHM OF THR LEAD GAME**

**PLAYER A. Player B**

**58. 0**

**0. 64**

In this game player A is the winner as in the first round he is winning

By a lead of 58 but in the second round player B is only winning by

The lead of 6 ..so as player A has more lead so he is the winner

**Output should be 1 58**

***code---***

* #include<iostream>
* using namespace std;
* int main()
* {
* int t,a,b,sum1=0,sum2=0,max=0,h,w;
* cin>>t;
* for(int i=0;i<t;i++)
* {
* cin>>a>>b;
* sum1+=a;
* sum2+=b;
* if(sum2>sum1)
* h=sum2-sum1;
* else
* h=sum1-sum2;
* if(h>max)
* {
* max=h;
* if(sum2>sum1)
* w=2;
* else
* w=1;
* }
* }
* cout<<w<<" "<<max;
* return 0;
* }