Kadane with range

#include<bits/stdc++.h>

#define pb push\_back

#define pii pair<int,int>

#define int long long int

#define vec vector<int>

#define mp map<int,int>

#define inf 1e18

using namespace std;

int32\_t main()

{

ios\_base::sync\_with\_stdio(false);

cin.tie(NULL);

cout.tie(NULL);

int tt=1;

cin>>tt;

while(tt--)

{

int n;

cin>>n;

int a[n+1],i;

for(i=1;i<=n;i++)

cin>>a[i];

i=1;

int curr=0,mx=0,l=0,r=0;

while(i<=n)

{

if(curr+a[i]>=0)

curr+=a[i];

else

curr=0;

if(curr>mx)

{

mx=curr;

r=i;

}

i++;

}

int sum;

if(r>=1 && r<=n)

sum=a[r];

l=r;

while(sum<mx && l>=1)

l--,sum+=a[l];

}

}