P237

#include<map>

#include<string>

#include<iostream>

#include<stdio.h>

#include<cmath>

using namespace std;

int main()

{

//freopen("input.txt","r",stdin);

long long n,x;

while(cin>>n && n)

{

long long ans(0),sum(0);

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

{

cin>>x;

ans+=abs(sum);

sum+=x;

}

cout<<ans<<"\n";

}

return 0;

}