区间更新用前缀和做

#include <iostream>

#include <stdio.h>

#include<cstring>

using namespace std;

int book[100010],book2[100010];

int main()

{

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

int n,x,y;

while(~scanf("%d",&n)&&n)

{

memset(book,0,sizeof(book));

memset(book2,0,sizeof(book2));

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

{

scanf("%d%d",&x,&y);

book[x]+=1;

book[y+1]-=1;

}

int ans(0);

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

{

ans+=book[i];

printf("%d ",ans);

}

printf("%d\n",ans+=book[n]);

}

return 0;

}