import java.io.\*;

import java.util.\*;

// Read only region start

class UserMainCode

{

public class Result{

public final int output1;

public final int output2;

public Result(int out1, int out2){

output1 = out1;

output2 = out2;

}

}

public Result findOriginalFirstAndSum(int[] input1,int input2){

// Read only region end

//Write code here...

int i=0;

int sum=input1[input2-1];

for(i=input2-1;i>0;i--){

input1[i-1]=input1[i-1]-input1[i];

sum+=input1[i-1];

}

Result r=new Result(input1[i],sum);

return r;

}

}