## 2560 Buildings

### 一、题目

#### 问题描述

We divide the HZNU Campus into N*M grids. As you can see from the picture below, the green grids represent the buidings. Given the size of the HZNU Campus, and the color of each grid, you should count how many green grids in the N*M grids.

#### 输入数据

Standard input will contain multiple test cases. The first line of the input is a single integer T which is the number of test cases. T test cases follow. The first line of each test case contains two integers n and m(1<=n,m<=100), the size of the campus. Then follow n lines, each line containing m integers. The j-th integer in the i-th line is the color of that grid, 0 stands for white color, while 1 stands for green.

#### 输出数据

Results should be directed to standard output. For each case, output an integers T, the total green grids in the N\*M size campus.

#### 输入样例

2  
2 2  
1 1  
0 0  
3 3  
1 0 1  
0 0 1  
1 1 0

#### 输出样例

2  
5

#### 题目来源

HDU 2560 http://acm.hdu.edu.cn/showproblem.php?pid=2560

### 二、题解

#### 解题思路

题目大意是判断由1和零构成的N\*M矩阵中1的个数，只需在每次输入矩阵中元素后判断是否为1，若为1则计数变量count加一

#### 参考程序

#include<stdio.h>  
int main()  
{  
 int t,n,m,x,count;  
 scanf("%d",&t);  
 while(t--)  
 {  
 count=0;  
 scanf("%d%d",&n,&m);  
 for(int i=1;i<=n;i++)  
 for(int j=1;j<=m;j++)  
 {  
 scanf("%d",&x);  
 if(x==1) count++;  
 }  
 printf("%d\n",count);   
 }  
 return 0;  
}

#### 复杂度分析

无

#### 编程技巧

无