**Sum Of Digits**

[number theory](http://practice.geeksforgeeks.org/tag-page.php?tag=number%20theory&isCmp=0)

Given an integer N, find sum of all digits of N.

**Input:**

The first line contains an integer T, total number of test cases. Then following T lines contains an integer N.

**Output:**

Calculate the sum of digits of N.

**Constraints:**

1 ≤ T ≤ 30

1 ≤ N ≤ 1000

**Example:**

Input  
2  
123  
45

Output  
6  
9

\*\*For More Examples Use Expected Output\*\*

<http://practice.geeksforgeeks.org/problem-page.php?level=-1&pid=86>

#include <iostream>

#include <stdio.h>

#include <map>

#include <string>

#define ll long long int

#include <conio.h>

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

int n;

scanf("%d", &n);

int sum = 0;

while(n > 0){

sum += n % 10;

n/=10;

}

printf("%d\n", sum);

}

//getch();

return 0;

}