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# Sum of Digits

Problem Code: **FLOW006**

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You're given an integer **N**. Write a program to calculate the sum of all the digits of **N**.

## Input

The first line contains an integer **T**, the total number of testcases. Then follow **T** lines, each line contains an integer **N**.

## Output

For each test case, calculate the sum of digits of **N**, and display it in a new line.

## Constraints

- $1 \leq T \leq 1000$
- $1 \leq N \leq 1000000$

## Example

**Input**  
3  
12345  
31203  
2123  
**Output**  
15  
9  
8

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## Video Solution <sup>New!</sup>

Tried this problem but couldn't solve it? Check the detailed explanation by our expert educators.

FLOW006 | Coding with Lo...



Author: 1★ [vicky002 \(/users/vicky002\)](#)

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Problem level: Simple

Date Added: 27-04-2015

Time Limit: 1 secs

Source Limit: 50000 Bytes

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### [CodeChef \(/\)](#) - A Platform for Aspiring Programmers

CodeChef was created as a platform to help programmers make it big in the world of **algorithms**, **computer programming**, and **programming contests**. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and two smaller programming challenges at the middle and end of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of **computer programming**.

### [Practice Section \(/problems/easy/\)](#) - A Place to hone your 'Computer Programming Skills'

Try your hand at one of our many practice problems and submit your solution in the language of your choice. Our **programming contest** judge accepts solutions in over 55+ programming languages. Preparing for coding contests were never this much fun! Receive points, and move up through the CodeChef ranks. Use our practice section to better prepare yourself for the multiple **programming challenges** that take place through-out the month on CodeChef.

### [Compete \(/contests/\)](#) - Monthly Programming Contests, Cook-off and Lunchtime

Here is where you can show off your **computer programming skills**. Take part in our 10 days long monthly coding contest and the shorter format Cook-off and Lunchtime **coding contests**. Put yourself up for recognition and win great prizes. Our **programming contests** have prizes worth up to INR 20,000 (for Indian Community), \$700 (for Global Community) and lots more CodeChef goodies up for grabs.

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