Sum of Digits Problem Code: **FLOW006**

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

Output
Calculate the sum of digits of **N**.

Constraints
- $1 \le T \le 1000$
- $1 \le N \le 100000$

Example
Input

```
3

12345

31203

2123
```

Output

```
15

9

8
```