**3467***(Source:* [*http://acm.tju.edu.cn/toj/showp3467.html*](http://acm.tju.edu.cn/toj/showp3467.html)*)*

This is the 3467th problem of TOJ, Now given an integer *N* (1 ≤ *N* ≤ 2147483647), please calculate the sum of all its digits in decimal. For example, if *N* is 3467, then the answer is 3 + 4 + 6 + 7 = 20.

**Input**

The first line of the input is an integer *T*, representing the number of test cases. Then *T* lines follows, each line contain a single integer *N*.

**Output**

For each test cases, output a single integer: the sum of all digits of *N*.

**Sample Input**

2

1

2147483647

**Sample Output**

1

46