
Leap Year

A leap year is a year that is divisible by 4 and not divisible by 100 with the exception that year are divisible by 400, which also a leap year. Your task is to compute the number of leap year from year 1 until year N.

Format Input

The input begins with an integer T indicating the number of test cases. In each test case, there is an integer N indicating the number of years.

Format Output

For each test case, output the number of leap year from year 1 until year N.

Constraints

$1 \leq T \leq 100$

$1 \leq N \leq 1,000,000$

Sample Input	Sample Output
3 100 10000 1000000	Case #1: 24 Case #2: 2425 Case #3: 242500