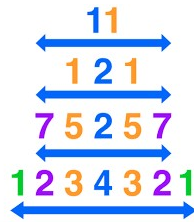# L. Palindrome Level 2

**Time Limit: 1 seconds**



**Problem description**

A palindrome level 2 (PL2) must be a palindrome number and the sum of all digits of PL2 must also be palindrome.

Example:

- The number 91319 is not a PL2 because the sum of all digits of 91319 is 23, however 23 is not a palindrome number.
- The number 272 is a PL2 because 272 is palindrome number and the sum of all digits of 272 is 11, and 11 is also a palindrome number.

Your program should allow users to enter an positive integer, then it needs to check if the number entered is PL2 or not.

**Input:**

- T is the number of test case ($1 \leq N \leq 100$)
- The next T line, each line contains one positive integer N ($1 \leq N \leq 10^{100}$)

**Output:**

Contains T line, each line contains:

- "Y" if the given number is a PL2.
- "N" if the given number is not a PL2.

Example:

| Input | Output |
|---|---|
| 5 | N |
| 91319 | Y |
| 272 | N |
| 62526 | Y |
| 333 | Y |
| 8 | |