Problems

Question 1

You are provided an array A of size N that contains non-negative integers. Your task is to determine whether the number that is formed by selecting the last digit of all the N numbers is divisible by 3.

Note: View the sample explanation section for more clarification.

Input format

First line: A single integer N denoting the size of array
Second line: N space-separated integers.

Output format

If the number is divisible by 3, then print Yes. Otherwise, print No.

Original Question

You are provided an array A of size N that contains non-negative integers. Your task is to determine whether the number that is formed by selecting the last digit of all the N numbers is divisible by 10.

Note: View the sample explanation section for more clarification.

Input format

- First line: A single integer N denoting the size of array A
- Second line: N space-separated integers.

Output format

If the number is divisible by 10, then print Yes. Otherwise, print No.

Constraints

$1 \leq N \leq 10^5$

$0 \leq A[i] \leq 10^5$

https://www.hackerearth.com/practice/basic-programming/input-output/basics-of-input-output/practice-problems/algorithm/divisible-or-not-81b86ad7/

Hints (Ques 1)

let x = [85, 25, 65, 21, 84]

/* First Task: create the number

The number is: 55514
Formed by combining last digits of the input natural numbers.
*/

/*
Second Task: Check the divisibility of number formed in First Task by 3.
*/