

Difference between sums of odd and even digits

Given a long integer, we need to find if the difference between sum of odd digits and sum of even digits is 0 or not. The indexes start from zero (0 index is for leftmost digit).

Input:

First line consists of T test cases. Only line of every test case consists of a number N.

Output:

Print "Yes" if difference is 0 else print "No".

Constraints:

$1 \leq T \leq 200$

$1 \leq N \leq 10^{18}$

Example:

Input:

2

1212112

123

Output:

Yes

No