#### **Mark Points**

There are N equi-spaced points numbered  $1,2,\ldots,N$ . Initially, all points are unmarked.

In one operation, you can choose X such that 1 < X < N, and then mark points X - 1, X, X + 1. (If any of them were already marked, they do not get affected)

Finally, you will make a binary string S, where  $S_i=1$  if and only if you marked point i, and otherwise  $S_i=0$ .

Now, you forgot what operations you did. You have a binary string S with you. You want to check if it is possible to obtain S by doing some of the above operations of marking points.

Print Yes if it is possible to obtain S and No otherwise.

## **Input Format**

- ullet The first line of input will contain a single integer T, denoting the number of test cases.
- Each test case consists of multiple lines of input.
- $\circ$  The first line of each test case contains N the number of points.
- $\circ$  The second line contains S a binary string.

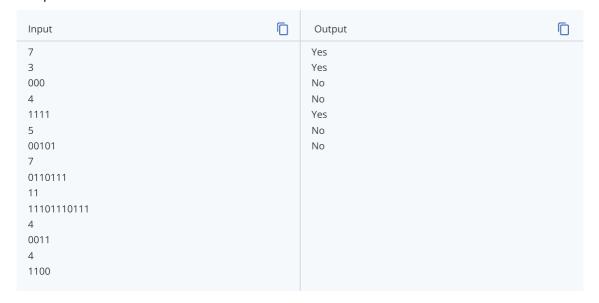
## **Output Format**

For each test case, output on a new line Yes if it is possible to obtain S and No otherwise.

## Constraints

- $1 \le T \le 100$
- $3 \le N \le 100$
- $S_i \in \{0, 1\}$

#### Sample 1:



# **Explanation:**