

## Twisted Prime Number

A number is said to be twisted prime if it is a prime number and reverse of the number is also a prime number.

### Input:

The first line of input contains an integer **T** denoting the number of test cases. The first and last line of each test case consists of an integer **n**.

### Output:

Print the answer in "Yes" or "No".

### Constraints:

$1 \leq T \leq 100$

$2 \leq n \leq 100000$

### Example:

#### Input:

2

97

43

#### Output:

Yes

No