

Validating phone numbers

Let's dive into the interesting topic of regular expressions! You are given some input, and you are required to check whether they are valid mobile numbers.

A valid mobile number is a ten digit number starting with a **7, 8** or **9**.

Concept

A valid mobile number is a ten digit number starting with a **7, 8** or **9**.

Regular expressions are a key concept in any programming language. A quick explanation with Python examples is [available here](#). You could also go through the link below to read more about regular expressions in Python.

<https://developers.google.com/edu/python/regular-expressions>

Input Format

The first line contains an integer N , the number of inputs.
 N lines follow, each containing some string.

Constraints

$$1 \leq N \leq 10$$

$$2 \leq \text{len}(\text{Number}) \leq 15$$

Output Format

For every string listed, print "*YES*" if it is a valid mobile number and "*NO*" if it is not on separate lines. Do not print the quotes.

Sample Input

```
2
9587456281
1252478965
```

Sample Output

```
YES
NO
```