

Valid PAN format



The equivalent of SSN in India is a PAN number, which is unique to each of its citizens. In any of the country's official documents, the PAN number is listed as follows

```
<char><char><char><char><char><digit><digit><digit><digit><char>
```

Your task is to figure out if the PAN number is valid or not. A valid PAN number will have all its letters in uppercase and digits in the same order as listed above.

Input Format

First line contains N . N lines follow, each having a PAN number.

Constraints

- $1 \leq N \leq 10$
- Each *char* is an uppercase letter, i.e., $char \in ['A', 'Z']$.
- Each *digit* lies between 0 and 9, i.e., $digit \in [0, 9]$.
- The length of the PAN number is always 10, i.e., $length(PAN) = 10$
- Every character in PAN is either *char* or *digit* satisfying the above constraints.

Output Format

For every PAN number listed, print *YES* if it is valid and *NO* if it isn't.

Sample Input

```
3
ABCDs1234Y
ABAB12345Y
avCDS1234Y
```

Sample Output

```
YES
NO
NO
```

The first PAN number is valid since the first 5 characters are letters, the next 4 are digits and the last character is an alphabet. All letters in input is in uppercase.

The second PAN number is invalid as the fifth character is a digit as opposed to an letter.

The third PAN number contains lowercase characters. Hence invalid

Viewing Submissions

You can view others' submissions if you solve this challenge. Navigate to the challenge leaderboard.