## Detect Floating Point Number

Check Tutorial tab to know how to to solve.
You are given a string $N$.
Your task is to verify that $N$ is a floating point number.
In this task, a valid float number must satisfy all of the following requirements:
$>$ Number can start with +, - or . symbol.
For example:
$\checkmark+4.50$
$\checkmark-1.0$
$\checkmark .5$
$\checkmark-.7$
$\checkmark+.4$
x -+4.5
$>$ Number must contain at least 1 decimal value.
For example:
$\times 12$.
$\checkmark 12.0$
$>$ Number must have exactly one . symbol.
$>$ Number must not give any exceptions when converted using float $(N)$.

## Input Format

The first line contains an integer $T$, the number of test cases.
The next $T$ line(s) contains a string $N$.

## Constraints

- $0<T<10$


## Output Format

Output True or False for each test case.

## Sample Input 0

4
4.000
$-1.00$
$+4.54$
SomeRandomStuff

## Sample Output 0

```
False
True
True
False
```


## Explanation 0

4.000: $O$ is not a digit.
-1.00 : is valid.
+4.54 : is valid.
SomeRandomStuff: is not a number.

