

# Incorrect Regex

You are given a string  $S$ .  
Your task is to find out whether  $S$  is a valid [regex](#) or not.

## Input Format

The first line contains integer  $T$ , the number of test cases.  
The next  $T$  lines contains the string  $S$ .

## Constraints

$$0 < T < 100$$

## Output Format

Print "True" or "False" for each test case without quotes.

## Sample Input

```
2
.*\+
.*+
```

## Sample Output

```
True
False
```

## Explanation

`.*\+` : Valid regex.  
`.*+`: Has the error **multiple repeat**. Hence, it is invalid.