Re exercise for 3/9/18

You are given a string .   
Your task is to find out whether  is a valid regex  or not.

**Input Format**

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

**Constraints**

**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.