



Incorrect Regex ★

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Problem

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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.

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Python 3



```
1 import re
2
3 def validate_strings_for_regex(string):
4     try:
5         re.compile(string)
6
7     return True
```

```
8         except:
9             return False
10
11
12     if __name__ == '__main__':
13         t = int(input())
14         strings = [input() for _ in range(t)]
15
16         for s in strings:
17             print(validate_strings_for_regex(s))
18
```

Line: 18 Col: 1

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Run Code

Submit Code

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53%

315/400



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Test case 0

Test case 1

Test case 2

Compiler Message

Success

Input (stdin)

```
1 2
2 .*\\+
3 .***
```

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Expected Output

```
1 True
2 False
```

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