

TASK – 8

Aim :

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.

Code Implementation :

```
import re

T = int(raw_input())

for _ in range(T):
    pattern = raw_input()
    try:
        re.compile(pattern)
        print "True"
    except re.error:
        print "False"
```

Output :

✓ Test case 0	Compiler Message							
✓ Test case 1	Success							
✓ Test case 2	Input (stdin)	Download						
	<table><tr><td>1</td><td>2</td></tr><tr><td>2</td><td>.*\+</td></tr><tr><td>3</td><td>.*+</td></tr></table>	1	2	2	.*\+	3	.*+	
1	2							
2	.*\+							
3	.*+							
	Expected Output	Download						
	<table><tr><td>1</td><td>True</td></tr><tr><td>2</td><td>False</td></tr></table>	1	True	2	False			
1	True							
2	False							

