Competitive Programming SS23

Submit until end of contest

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Problem: globbing (1.0 second timelimit)

You may know about *glob patterns* from your favorite Unix shell. They are a simplified form of regular expressions. Your task is to build a matcher for an even more restricted language: The only special characters are $*$ and $+$, where the former may expand to zero or more arbitrary characters and the latter to one or more characters.

Input   The input starts with the number of test cases t ($1 \leq t \leq 1000$). Each test case consists of two lines: The first contains the pattern p (with $0 \leq |p| \leq 1000$) and the second contains the input text s to match (with $0 \leq |s| \leq 1000$). The pattern is guaranteed to contain at most *one* special character (either $*$ or $+$).

Hint: Use **getline(cin, s)** to read one complete line from standard input and save it to string s.

Output   For each test case, print a single line containing "Yes" if the pattern matches the text, otherwise print "No". We're only interested in matches that cover the entire input text.

Sample input

```
4
a+
abc
b
bb
a*c
ac
The + it.
The Game, you've just lost it.
```

Sample output

```
Yes
No
Yes
Yes
```