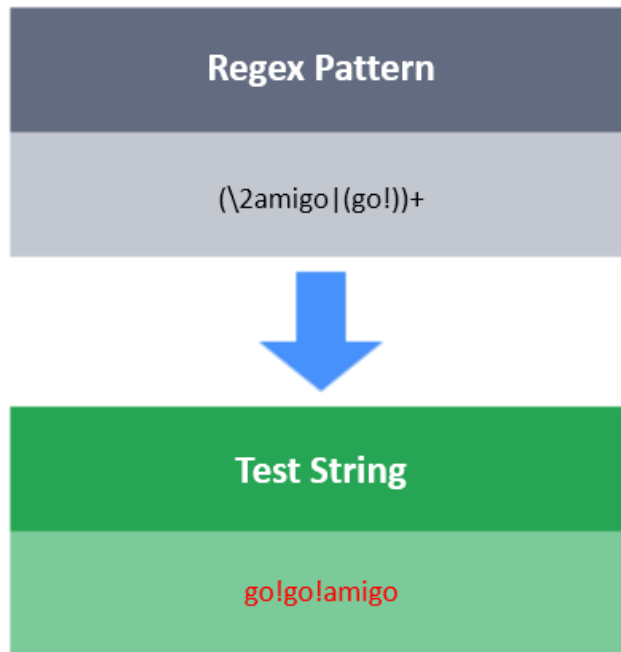


NOTE - Forward reference is supported by JGsoft, .NET, Java, Perl, PCRE, PHP, Delphi and Ruby regex flavors.

Forward reference creates a back reference to a regex that would appear later.

Forward references are only useful if they're inside a repeated group.

Then there may arise a case in which the regex engine evaluates the backreference after the group has been matched already.



In the above image, Regex Pattern is matched with the Test String.

Task

You have a test string S .

Your task is to write a regex which will match S , with following condition(s):

- S consists of `tic` or `tac`.
- `tic` should not be immediate neighbour of itself.
- The first `tic` must occur only when `tac` has appeared at least twice before.

Valid S

```
tactactic
tactactictactic
```

Invalid S

```
tactactictactictactac
tactictac
```

Note

This is a regex only challenge. You are not required to write any code.
You only have to fill the regex pattern in the blank ().