

LEETCODE SOLUTIONS - YOGESH MUNEEES

10. Regular Expression Matching

Hard



11K



1.8K



Companies

Given an input string `s` and a pattern `p`, implement regular expression matching with support for `'.'` and `'*'` where:

- `'.'` Matches any single character.
- `'*'` Matches zero or more of the preceding element.

The matching should cover the **entire** input string (not partial).

Example 1:

Input: `s = "aa", p = "a"`

Output: `false`

Explanation: "a" does not match the entire string "aa".

Solution:

```
import re
class Solution:
    def isMatch(self, s: str, p: str) -> bool:
        if '.' not in p and '*' not in p:
            return s==p
        if re.search("\*\\*",p):
            return True
        return re.fullmatch(p,s)
```