44. Wildcard Matching

Given an input string (s) and a pattern (p), implement wildcard pattern matching with support for '?' and '*' where:

- '?' Matches any single character.
- ** Matches any sequence of characters (including the empty sequence).

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

s: adreb

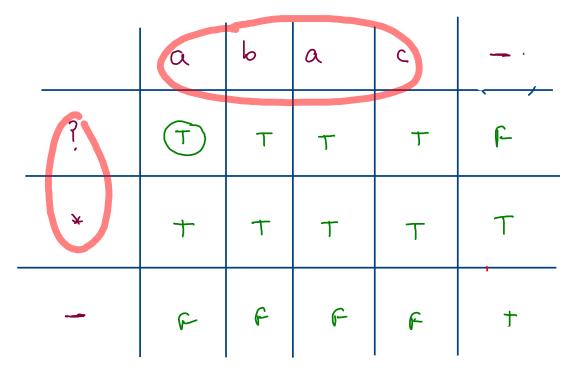
? -> motches any single char + -> any seq. of char baaabac

(i) ac,

(P(i) = = 5(3) 11 P(i) = =?)? زدا الزاد المناجلة ورزاد ناجه

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10. Regular Expression Matching

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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).

single -> matches soul as work occ- of preceding that.

-) matches

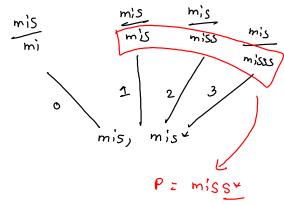
·, a, aa, aaa, aaaa

Input: s = "mississippi", p = "mis*is*p*."

0,0 - smallest problem

Output: false

	-	m	i	S	S	i	S	S	ì	P	P	ì
-	V	Q	X	8	X	α	ø	X	ø	X	d	d
η	X	<	く	7	X	8	a	Ø	8	8	X	X
ì	ø	4	>	4	X	X	ø	d	Ø	ø	ø	Q
5	×	X	8)	×	×	X	X	Ø	Ø	α	ø
عد	<u>م</u>	d	√	∨	✓	۷,	8	2	٨	۵	α	ż
j	×	2	٨	く	4	~	4	4	٨	٨	×	X
S	d	7	۷	4	ح	×	✓	α	4	く	X	d
¥	ø	Z	7	く	ム	\vee	\vee	V	7	4	٨	4
P	ø	4	く	6	4	X	d	X	4	X	d	7
•	d d	Ø	4	٨	4	Q	ø	∠ ∠	X	d	Ø	(d

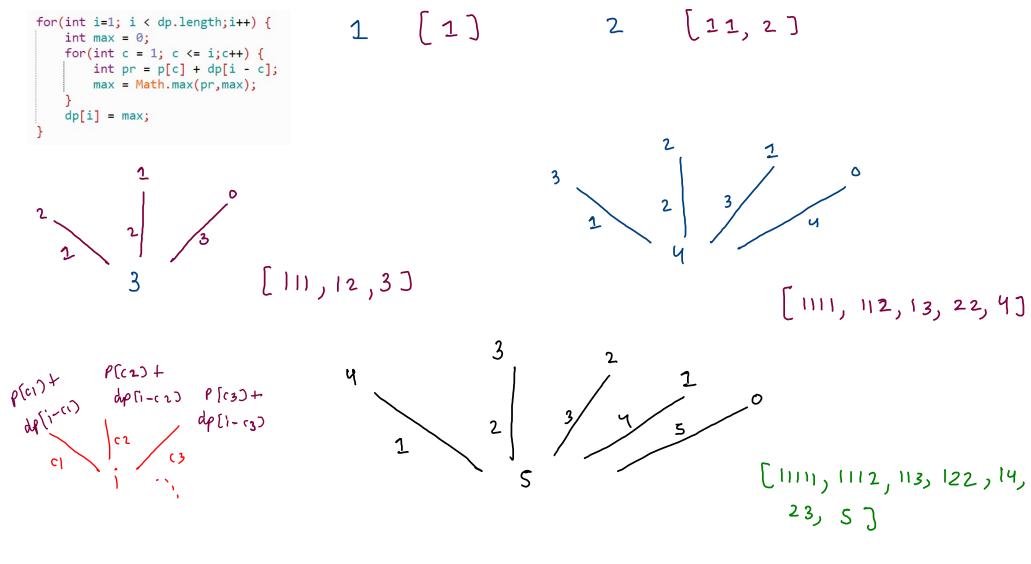


	-	W	m	m	۵	
-	~	4	々	d	X	
m	4	\ \ \	۵	X	d	
*	V./	4	~)	L	
•	4	<i>\rightarrow</i>	V	✓	V	
		١	1		•	•

len

n er	400							
	2	5	8	6	8	7	10	2
	1	2	3	4	S	G	7	8
X	2	S	8	lo	የን	16		
	1,	2	3	2-2	2-3	3 - 3		

 $p[c_1) + p[c_2] + dp[i-c_2]$ c_1 / c_2



Jest - right strategy

r e	2	5	8	6	8	7	10	2	-
en	1	2	3	4	5	G	7	8	
Х	2	5	8	סו	13	16			dp[u] + dplv)
	1	2	3	2-2	2-3	3-3			J, Y, J, Z, Y, Z, Y, Z, Y, Z, Y, Z, Y, Z,

1 [1] 2 [11,2]
$$1 \times 2$$
3 [111,12,3)
$$4$$
 [1111,112,13,22,43]

