class Solution(object):

def isMatch(self, s, p):

"""

:type s: str

:type p: str

:rtype: bool

"""

len\_s, len\_p = len(s),len(p)

dp = [[False for \_ in range(len\_s+1)] for \_ in range(len\_p+1)]

for i in range(len\_p+1):

for j in range(len\_s+1):

if i==0 and j==0:

dp[i][j] = True

continue

if i==0:

dp[i][j] = False

continue

##i>0

if j>0 and p[i-1]!='\*':

if (p[i-1]=='.' or p[i-1]==s[j-1]):

dp[i][j] = dp[i-1][j-1]

else:

if i>1:

if p[i-1]=='\*':

dp[i][j] = dp[i][j] or dp[i-2][j]

if i>1 and j>0:

if s[j-1]==p[i-2] or p[i-2]=='.':

dp[i][j] = dp[i][j] or dp[i][j-1]

#print dp

return dp[-1][-1]