class Solution(object):

def isPali(self,s):

dp = [[False for i in range(len(s))] for i in range(len(s))]

for c in range(len(s)):

x = y = c

while 0<=x<=y<len(s) and s[x]==s[y]:

dp[x][y] = True

x-=1

y+=1

for c in range(len(s)-1):

x=c

y=c+1

while 0<=x<y<len(s) and s[x]==s[y]:

dp[x][y] = True

x-=1

y+=1

return dp

def minCut(self, s):

"""

:type s: str

:rtype: int

"""

ispal = self.isPali(s)

#print ispal

dp = [float("inf") for i in range(len(s)+1)]

dp[0] = 0

for i in range(1,len(s)+1):

for j in range(i):

if ispal[j][i-1]:

dp[i] = min(dp[i],dp[j]+1)

print dp

return dp[-1]-1 if dp[-1]!=float("inf") else len(s)-1