

## 一次编辑

字符串有三种编辑操作:插入一个字符、删除一个字符或者替换一个字符。 给定两个字符串,编写一个函数判定它们是否只需要一次(或者零次)编辑。

示例 1:

输入:

```
first = "pale"
```

```
second = "ple"
```

输出: True

示例 2:

输入:

```
first = "pales"
```

```
second = "pal"
```

输出: False

```
class Solution:
    def oneEditAway(self, first: str, second: str) -> bool:
        lenfirst=len(first)
        lensecond=len(second)
        if abs(lenfirst-lensecond)>1:
            return False
        dp = [[0] * (lensecond+1) for _ in range(lenfirst+1)]
        for i in range(0,lenfirst+1):
            dp[i][0]=i
        for j in range(0,lensecond+1):
            dp[0][j]=j
        for i in range(1,lenfirst+1):
            for j in range(1,lensecond+1):
                if first[i-1]==second[j-1]:
                    dp[i][j]=dp[i-1][j-1]
                else:
                    dp[i][j]=min(dp[i-1][j],min(dp[i-1][j-1],dp[i][j-1]))+1

        return dp[lenfirst][lensecond]<=1
```