SC101

Week 3

def stutter(lst):

Ist before: [1, 2, 3]

return: [1, 1, 2, 2, 3, 3]

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return: [1, 1, 2, 2, 3, 3]



reverse function

def reverse(lst):

Ist before: [1, 2, 3]

return: [3, 2, 1]

def stutter(lst):

Ist before: [1, 2, 3]

return: [1, 1, 2, 2, 3, 3]



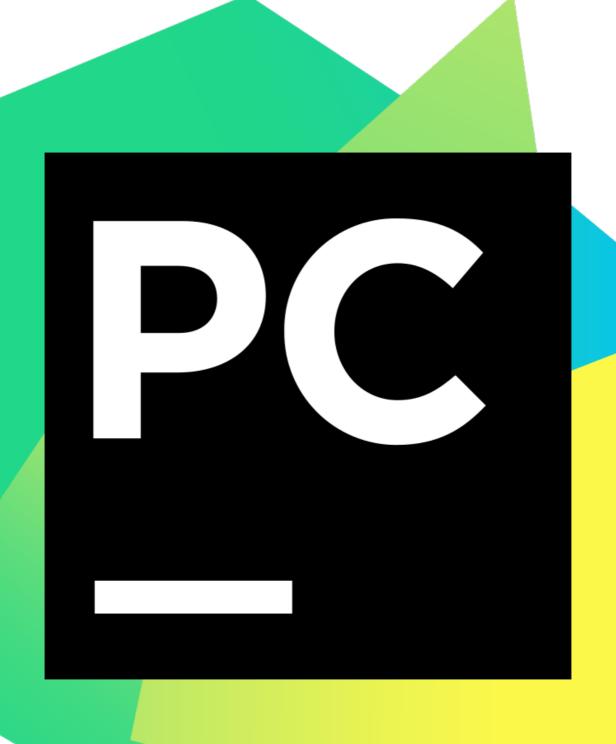
reverse function

def reverse(lst):

Ist before: [1, 2, 3]

return: [3, 2, 1]

Stack





Mac Command line

Windows Command line

列出所有項目:_____dir____

前往資料夾:_____cd

前往資料夾:_____cd

回到上個資料夾:_____cd ..____

回到上個資料夾:_____cd ..___

清理畫面:___clear

清理畫面:____cls

執行檔案: python3 檔名

執行檔案:____<u>py 檔名</u>

tab: ___自動填寫__

tab:___自動填寫

上箭頭: 歷史紀錄

上箭頭: 歷史紀錄

statement1

```
for i in range(N):

for j in range(N):

statement2

statement3
```

for i in range(N):

statement4

statement5

statement6

```
statement1
for i in range(N):
     for j in range(N):
           statement2
           statement3
for i in range(N):
     statement4
     statement5
     statement6
```

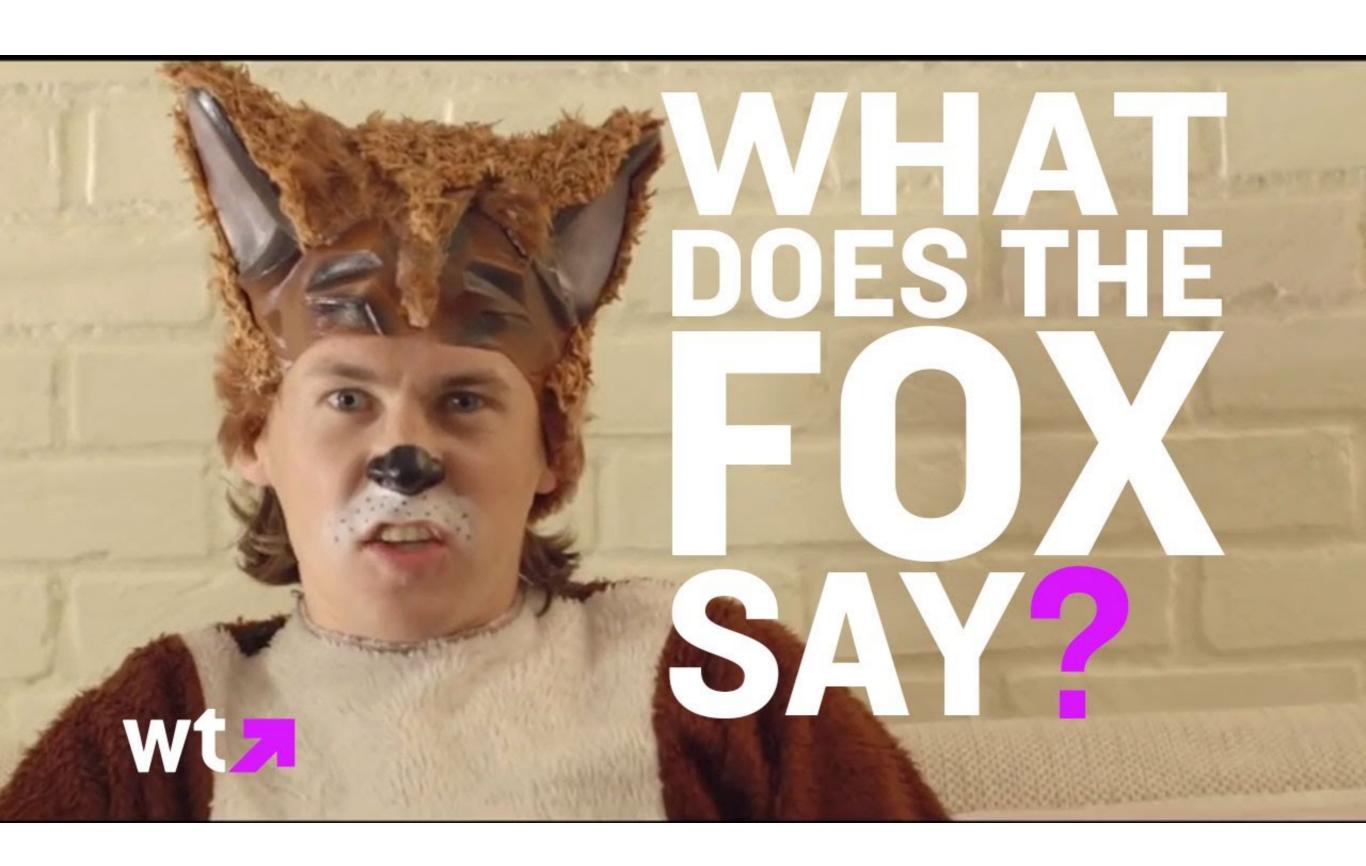
```
// runtime = 1
```

```
// runtime = 1
statement1
for i in range(N):
     for j in range(N):
                                        // runtime = 2 N^2
          statement2
          statement3
for i in range(N):
     statement4
     statement5
```

statement6

```
// runtime = 1
statement1
for i in range(N):
     for j in range(N):
                                       // runtime = 2 N^2
          statement2
          statement3
for i in range(N):
                                       // runtime = 3N
     statement4
     statement5
     statement6
```

Python tuple



Python dict