



Python Engineer TEST

Precautions

1. *You can use the internet or books as a reference. (Do not direct copy/paste)*
2. *Asking for help from friends & family or paying someone to do the test for you is highly not recommended. Even if you pass the exam, you will not pass the interview. So please save trouble for both parties.*
3. *We have seen the same answer 100 times. We will not use your answers in business. Please do not answer if you have any doubts.*
4. *Please don't do things we didn't ask for.*

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- Try to finish this project via Python:

Use below Wikipedia Simplified / Traditional Chinese conversion tables to **create** a Python converter(Create it yourself, Do not use the third-party open-source convert library).

https://doc.wikimedia.org/mediawiki-core/REL1_31/php/ZhConversion_8php_source.html

Then you need to write a crawler that will get the product title and price from every page in this EC catalog and use the above-mentioned converter table to perform the conversion from traditional Chinese to simplified Chinese.

<https://tw.carousell.com/categories/women-s-fashion-4/>

↓↓↓↓There is a second page.↓↓↓↓



- Suppose you are given the following code:

```
class FooBar():
    def __init__(self, n):
        self.n = n

    def foo(self):
        for _ in range(self.n):
            print("foo")

    def bar(self):
        for _ in range(self.n):
            print("bar")

    def yeah(self):
        for _ in range(self.n):
            print("yeah")
```

The same instance of FooBar will be passed to three different threads:

* thread A will call foo(), while

* thread B will call bar(),

* thread c will call yeah(),

Modify the given program to output "foobaryeah" n times.

Input: n = 3

Output:

foobaryeah

foobaryeah

foobaryeah

NOTE:

Sleep() does not guarantee the order of execution between threads.

If you finished all the answers, Please pack everything up. Then reply to the channel where you got this link from.