<u>Dates</u>

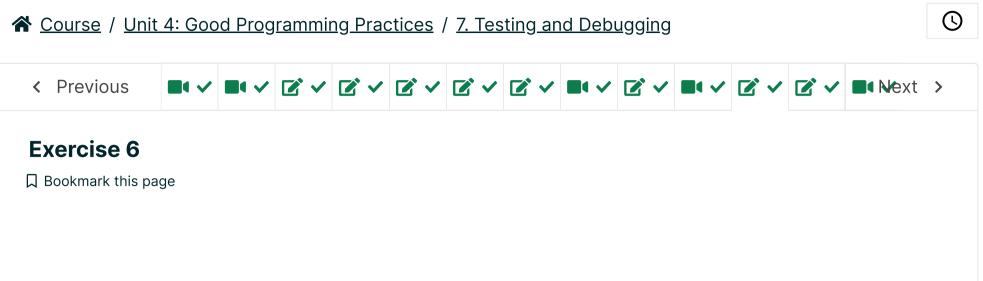
<u>Course</u>

<u>Progress</u>

<u>Help</u>

shengtatng ~

Discussion



<u>Calendar</u>

<u>Notes</u>

Finger Exercises due Oct 27, 2022 07:30 +08 Completed

Exercise 6

2/2 points (graded)

ESTIMATED TIME TO COMPLETE: 3 minutes

Consider the following function definition:

```
def rem(x, a):
    """
    x: a non-negative integer argument
    a: a positive integer argument

returns: integer, the remainder when x is divided by a.
    """
    if x == a:
        return 0
    elif x < a:
        return x
    else:
        rem(x-a, a)</pre>
```

When we call

```
rem(2, 5)
```

the shell returns 2. When we call

```
rem(5, 5)
```

the shell returns 0. But when we call

```
rem(7, 5)
```

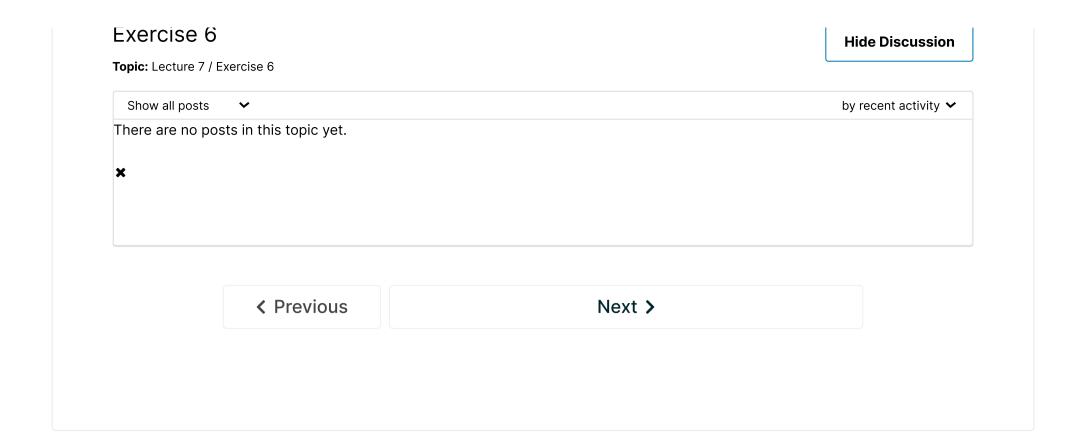
the shell does not return anything! Using this information, choose what line of code should be changed from the following choices:

if x == a:
return 0
elif x < a:
return x
else:
rem(x-a, a)

How should this line be rewritten?

```
return rem(x-a, a)
```

Submit



© All Rights Reserved



edX

About

Affiliates

edX for Business

Open edX

Careers

News

Legal

Terms of Service & Honor Code

Privacy Policy

Accessibility Policy

Trademark Policy

<u>Sitemap</u>

Connect

Blog

Contact Us

Help Center

Media Kit















© 2022 edX LLC. All rights reserved.

深圳市恒宇博科技有限公司 <u>粤ICP备17044299号-2</u>

