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Exercise 2

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Exercise 2

4 points possible (graded)

ESTIMATED TIME TO COMPLETE: 8 minutes

1. Consider the following code:

```
class Clock(object):
    def __init__(self, time):
        self.time = time
    def print_time(self):
        time = '6:30'
        print(self.time)

clock = Clock('5:30')
clock.print_time()
```

What does the code print out? If you aren't sure, create a Python file and run it.

2. Consider the following code:


```
class Clock(object):
    def __init__(self, time):
        self.time = time
    def print_time(self, time):
        print(time)

clock = Clock('5:30')
clock.print_time('10:30')
```


What does the code print out? If you aren't sure, create a Python file and run it.




9. Classes and Inheritance

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10. An Extended Example

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Problem Set 5

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3. Consider the following code:

```
class Clock(object):
    def __init__(self, time):
        self.time = time
    def print_time(self):
        print(self.time)

boston_clock = Clock('5:30')
paris_clock = boston_clock
paris_clock.time = '10:30'
boston_clock.print_time()
```

What does the code print out? If you aren't sure, create a Python file and run it.

Are `boston_clock` and `paris_clock` different objects?

☐ Yes

☐ No

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Exercise 2

Topic: Lecture 9 / Exercise 2

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