



CC 1.1.2: Objects

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In these Comprehension Checks, we will review a range of Python topics, and do not expect you to know the answer without any aids. As you answer these questions, feel free to use Python and the internet interactively to get the right answer!

Objects: Question 1

1/1 point (graded)

Python has immutable objects (e.g., strings and tuples) and mutable objects (e.g., dictionaries and lists). What does it mean for an object to be immutable?

☐ It cannot be indexed using bracket notation (e.g., `"abcdef"[1]` returns an error).

☒ Its contents cannot be modified by the programmer after the object has been created.

☐ It cannot be deleted after creation.



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Objects: Question 2

1/1 point (graded)

Consider the following line of code:

```
x = 4
```

In this assignment, what does the number `4` represent?

☐ The object type

☒ The object value

☐ The object identity



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✓ Correct (1/1 point)

Objects: Question 3

1/1 point (graded)

What is the difference between methods and data attributes of objects?

☒ Methods are functions associated with objects, whereas data attributes are data associated with objects.

☐ Both methods and data attributes are functions associated with objects, but only data attributes process data.



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