Representation

Announcements

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- The **repr** is legible to the Python interpreter

The **str** and **repr** strings are often the same, but not always

The repr String for an Object

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>>> 'pi starts with ' + str(pi) + '...'
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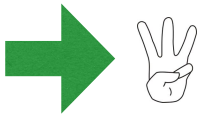


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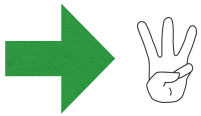

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(Demo)

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(False, True)
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>>> zero, one, two = 0, 1, 2
>>> one + two
3
>>> bool(zero), bool(one)
(False, True)
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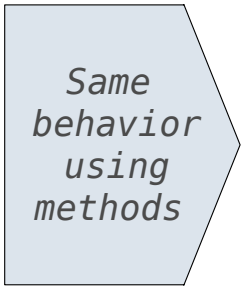

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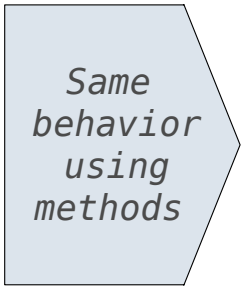


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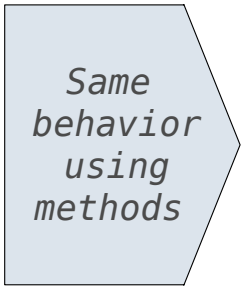


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Same behavior using methods

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>>> one.__add__(two)
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>>> zero.__bool__(), one.__bool__()
(False, True)
```

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Adding instances of user-defined classes invokes either the `__add__` or `__radd__` method

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(Demo)

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>>> Ratio(1, 3) + pi
3.4749259869231266
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