Lecture

The id() function

The id() function

```
>>> a = [5, 1, 3, 7, 3]
```

```
>>> b = [5, 1, 3, 7, 3]
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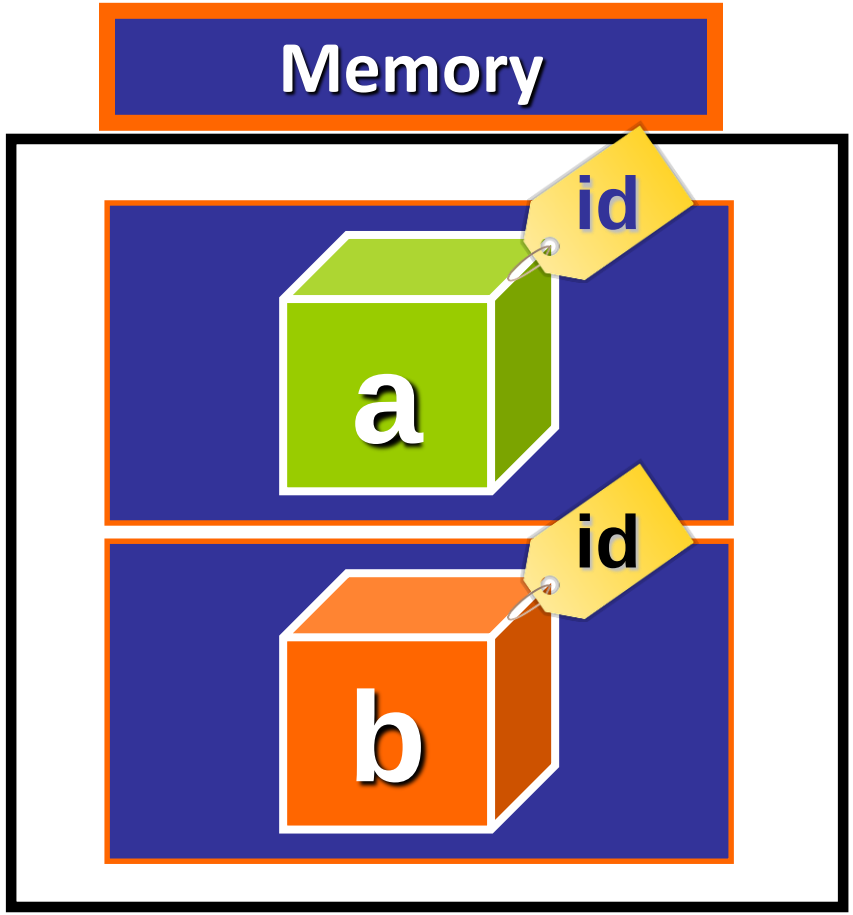

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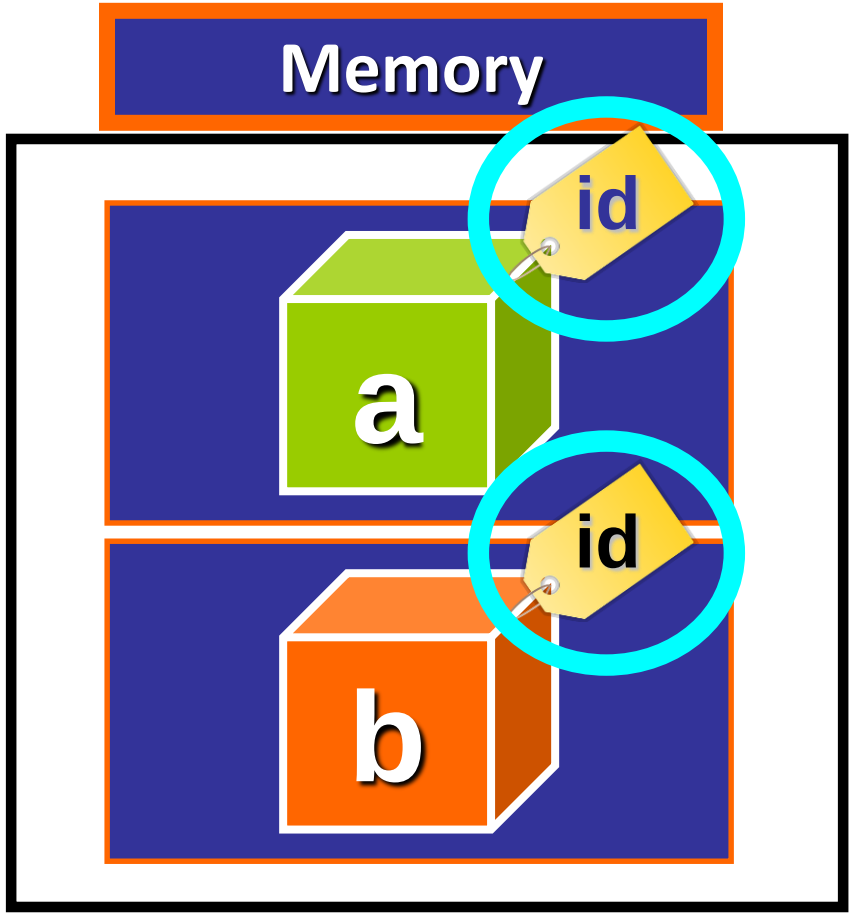

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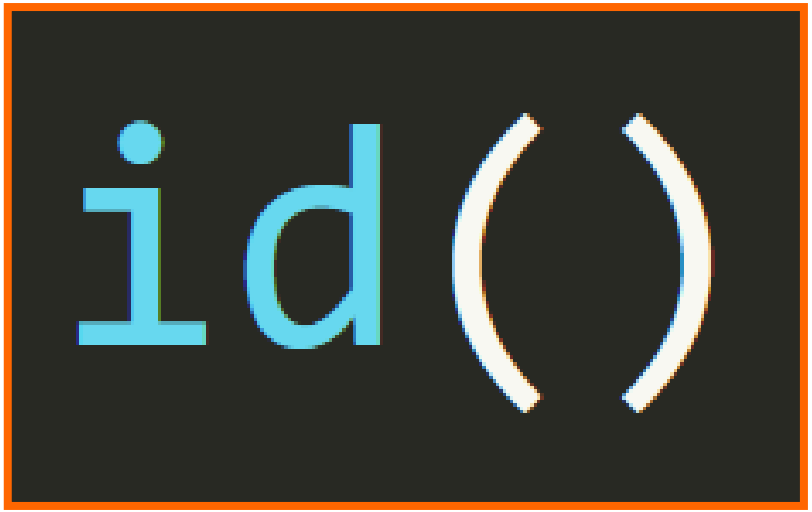

The id() function

id(*object*)

Return the “identity” of an object. This is an integer which is guaranteed to be unique and constant for this object during its lifetime. Two objects with non-overlapping lifetimes may have the same `id()` value.

CPython implementation detail: This is the address of the object in memory.

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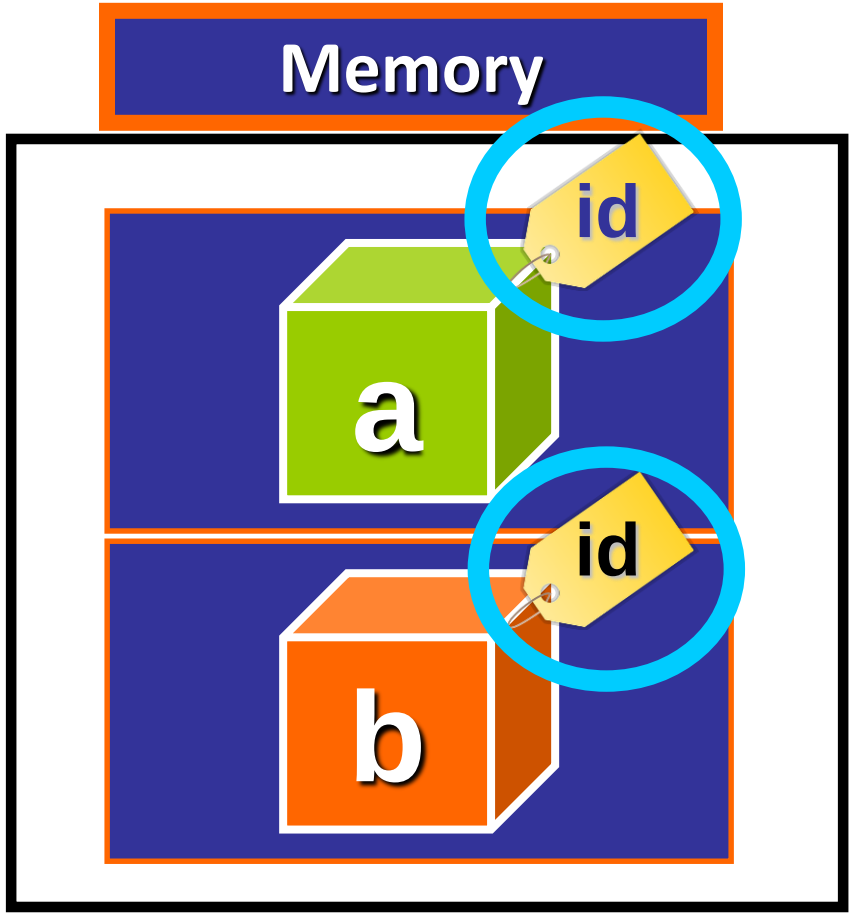

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>>> a = [5, 1, 3, 7, 3]
>>> b = [5, 1, 3, 7, 3]
>>> id(a)
54940392
>>> id(b)
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>>> a is b
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Now… An Example