

PEP8 EXAMPLE:
CODE:

```
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#EXAMPLE 5
#Python program to overload equality and less than operators

class A:
    def __init__(self, a):
        self.a = a
    def __lt__(self, other):
        if self.a < other.a:
            return "ob1 is less than ob2"
        else:
            return "ob1 is less than ob2"
    def __eq__(self, other):
        if self.a == other.a:
            return "Both are equal"
        else:
            return "Not equal"

ob1 = A(12)
ob2 = A(13)
print(ob1 < ob2)

ob3 = A(14)
ob4 = A(14)
print(ob1 == ob2)
```

OUTPUT:

```
Python Shell
File Edit Shell Debug Options Window Help
Python 3.9.3 (tags/v3.9.3:11e72064, Apr 2 2021, 11:35:20) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:\UNAMBY\OOP\eg5.py =====
ob1 is less than ob2
Not equal
>>> [
```