

```
# -*- coding: utf-8 -*-  
"""
```

Difference between == and is operator in Python

The == operator compares the values of both the operands and checks for value equality.

Whereas

is operator checks whether both the operands refer to the same object or not.

```
"""  
  
# python3 code to  
# illustrate the  
# difference between  
# == and is operator  
# [] is an empty list  
list1 = []  
list2 = []  
list3=list1  
  
if (list1 == list2):  
    print("True")  
else:  
    print("False")  
  
if (list1 is list2):  
    print("True")
```

```
else:  
    print("False")  
  
if (list1 is list3):  
    print("True")  
else:  
    print("False")
```