Is v/s ==

- □ == → **Compares values** (checks if they are equal).
- □ is → **Compares memory location** (checks if they are the same object in memory).
- □ **Immutable types (int, str, tuple)** with the same value may share memory.
- □ **Mutable types (list, dict, set)** always get a new memory location.

Code

```python
a = [1, 2, 3]
b = [1, 2, 3]
c = 1
d = 1


print(a == b)  # True (values are same)
print(a is b)  # False (different memory locations)


print(d is c)  # True (same memory location)
print(d == c)  # True (value same)
```