

Deep Copy & shallow copy

Assignment statements in Python do not create copies of objects, they only bind names to an object. For immutable objects, that usually doesn't make a difference.

Python's built-in mutable collections like lists, dicts, and sets

In []:

```
x = 3
y=3
colours1 = ["red", "blue"]
lst1 = ['a', 'b', ['ab', 'ba']]
lst1 = ['a', 'b', ['ab', 'ba']]
xs = [[1, 2, 3], [4, 5, 6], [7, 8, 9]]
```