# Mutability of Numpy Arrays

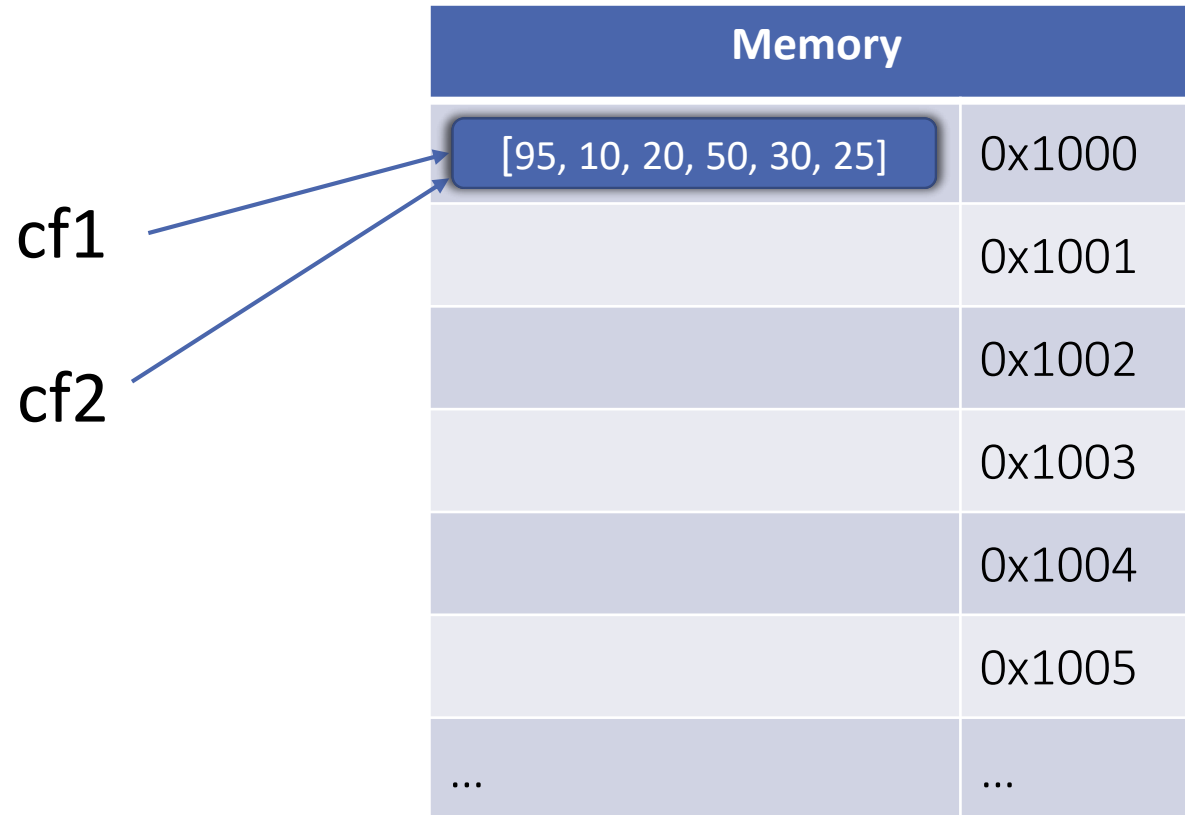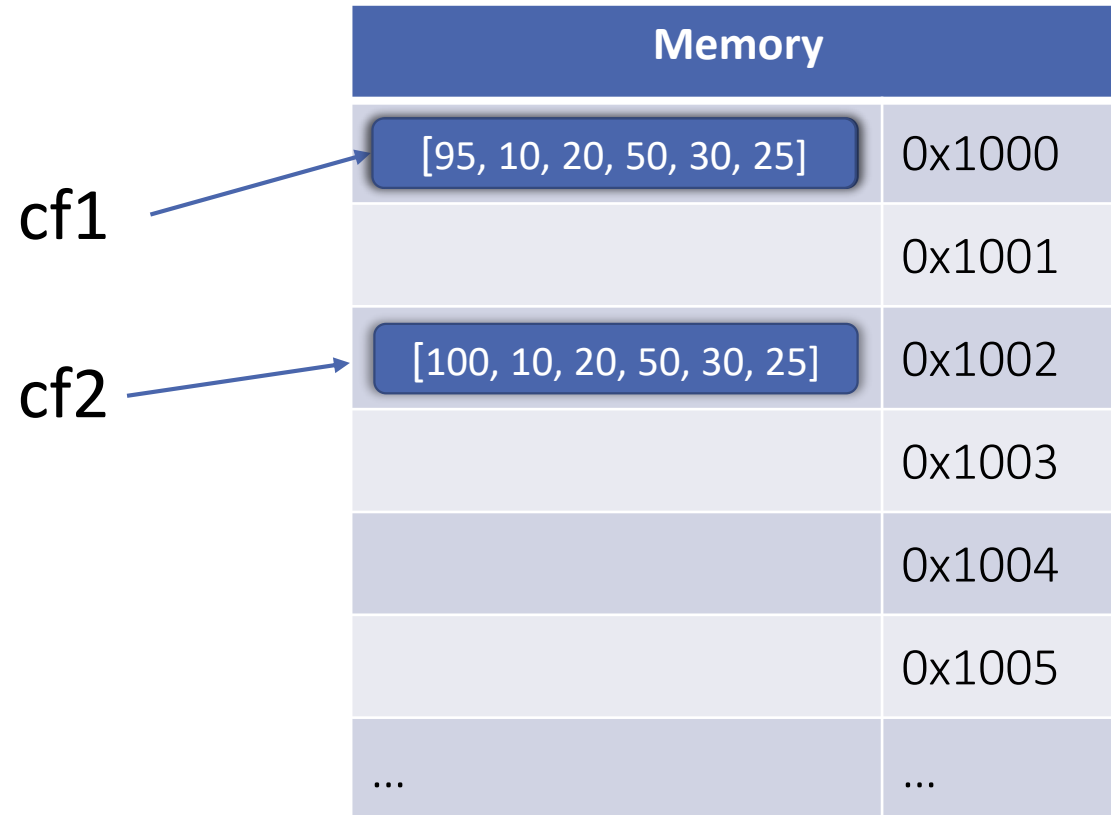| Memory | |
|---|---|
| [95, 10, 20, 50, 30, 25] | 0x1000 |
| | 0x1001 |
| | 0x1002 |
| | 0x1003 |
| | 0x1004 |
| | 0x1005 |
| ... | ... |

cf1

cf2

Code: cf1 = np.array([100, 10, 20, 50, 30, 25])

Code: cf2 = cf1

Code: cf1[0] = 95

Numpy Arrays are mutable Objects!

# Creating Copies (advisable Solution)

| Memory | |
|---|---|
| [95, 10, 20, 50, 30, 25] | 0x1000 |
| | 0x1001 |
| [100, 10, 20, 50, 30, 25] | 0x1002 |
| | 0x1003 |
| | 0x1004 |
| | 0x1005 |
| ... | ... |

cf1

cf2

Code: cf1 = np.array([100, 10, 20, 50, 30, 25])

Code: cf2 = cf1.copy()

Code: cf1[0] = 95