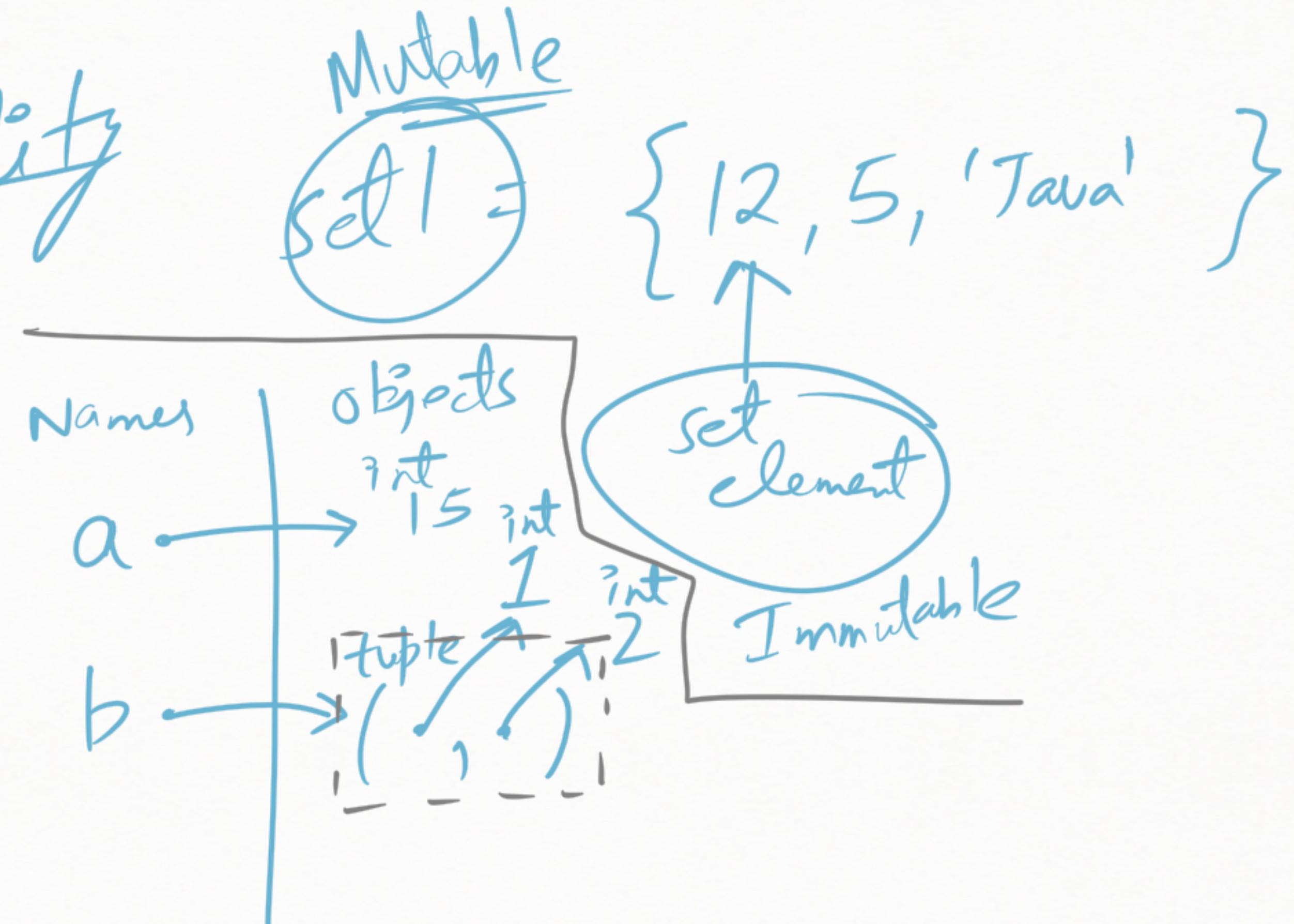


Immutability

a = 15

b = (1, 2)

Tuples are
Immutable

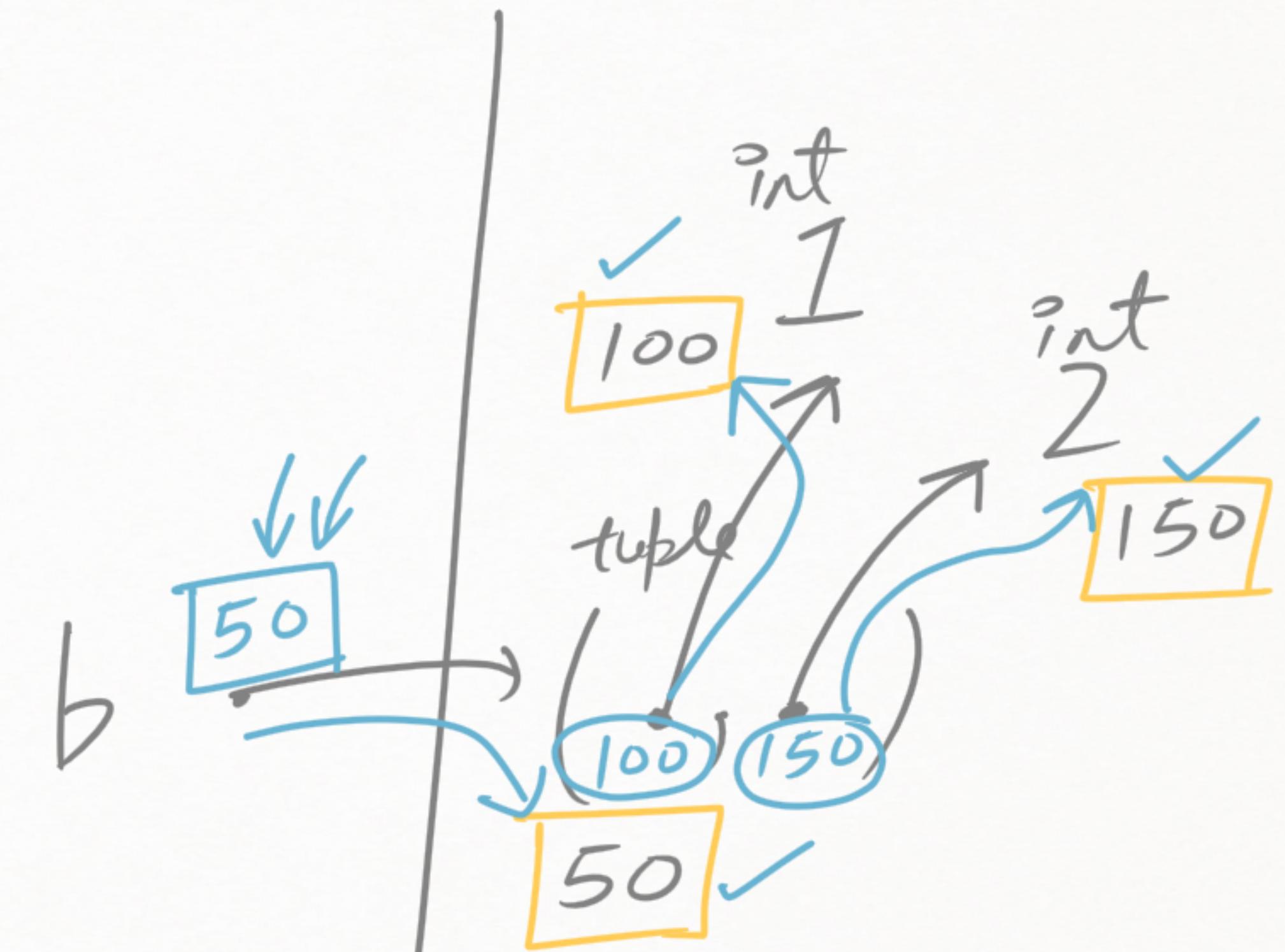


b = (1, 2)

b = 'mango'

del b

b = (1, 2)



Tuples are immutable
100, 150 can not be
changed.

$a = ([1, 2], 3) \Rightarrow ([\text{'a'}, \text{'b'}], 3)$ ✓

Lists are mutable ✓



Tuples are immutable
100, 150 X

AND logical operator

c = a AND b

a	b	c
True	True	True
F	T	F
T	F	F
F	F	F

Multiplication
 $T \Rightarrow 1, F \Rightarrow 0$

OR logical operator

$$c = a \text{ OR } b$$

a	b	c
T	T	T ✓
T	F	F
F	T	T ✓
F	F	F

Addition

$$\begin{array}{l} 1+0=1 \\ 0+1=1 \\ \hline 1+1=1 \end{array}$$

$0+0=0$