```python
import copy
a = [[1],[2,3,4]] # = => arrows, list have arrows
# copy.copy only works on one level
# copy 2d list => use copy.deepcopy
(b,c,d) = (a, copy.copy(a), copy.deepcopy(a))
print ((a == b), (a == c), (a == d)) # elements are the same: True, True,
True
print ((a is b), (a is c), (a is d)) # lists point to each other True,
False, False
print ((a[0] is b[0]), (a[0] is c[0]), (a[0] is d[0]))
# lists: True, True, False

a[0] += [5]
b[1] = [5, 6] # = list, create a new arrow
c[1][0] += 10
d[0] = c[1] # = list, move a arrow, make two lists point to same thing

for L in [a,b,c,d]: print(L)
```
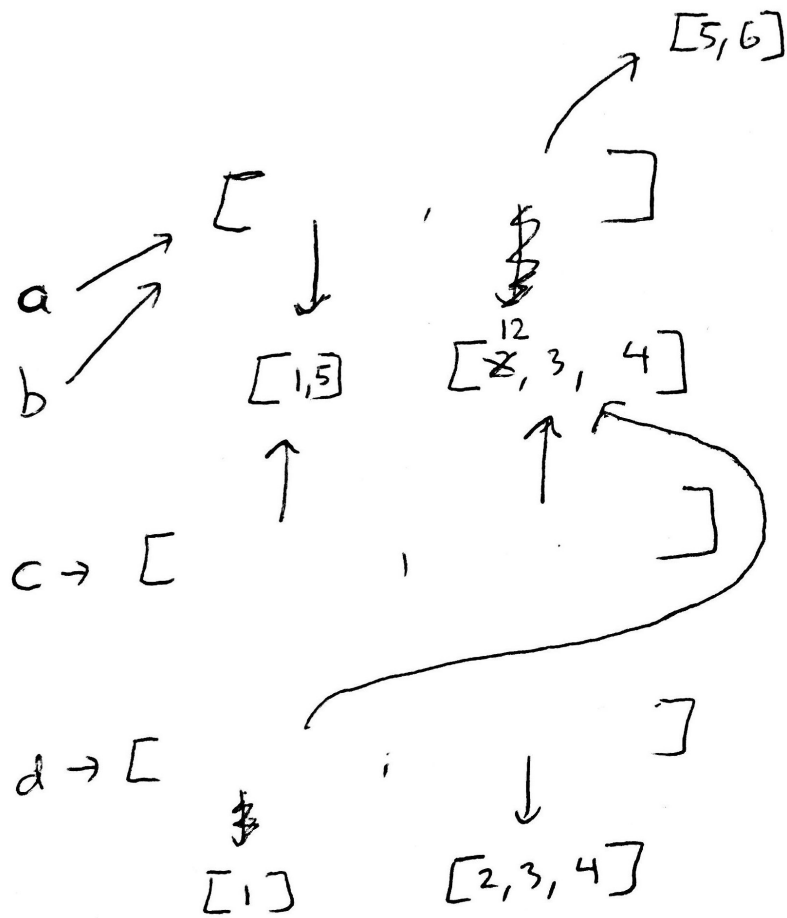
a

b

c →

d →

[

[1,5]

[5,6]

[12,3,4] (with "12" above crossed out "2")

[1]

[2,3,4]

prints:

True, True True
True, False False
True True False
[[1,5], [5,6]]
[[1,5], [5,6]]
[[1,5], [12,3,4]]
[[12,3,4], [2,3,4]]