

A

```
def f(n):
    m = 6
    n = m
    #Fill in the memory diagram at this point
m = 5
f(m)
print(m) #Output: 5
```

Globals

M	1000

Locals [f]

n	1040
m	1040

Memory table

Address	Value
1000	5
1040	6
1080	
1120	

B

```
def f(L):
    L[1] = 6
    L = [5, 6]
    #Fill in the memory diagram at this point
L = [6, 7]
f(L)
print(L) #[6, 6]
```

Globals

L	1120

Locals [f]

L	1160

Memory table

Address	Value
1000	5
1040	6
1080	7
1120	[@1040, @1040]
1160	[@1000, @1040]

C

```
L = [[5, 6], 7]      #Line 1
L1 = [L[0]]         #Line 2
L1[0][1] = 7       #Line 3
L1[0] = [7]        #Line 4
print(L)            #Output: [[5,7], 7]
print(L1)           #Output: [[7]]
```

Globals after line 1

L	1120

Globals after line 2

L	1120
L1	1140

Globals after line 3

L	1120
L1	1140

Globals after line 4

L	1120
L1	1140

Memory table

Address	Value
1000	5
1040	6
1080	7
1100	[@1000, @1080]
1120	[@1100, @1080]
1140	[@1160]
1160	[@1080]