**A**

def f(n): m = 6

n = m

#Fill in the memory diagram at this point

m = 5

f(m)

print(m)#What is the output?

Output = 5

# Globals

|  |  |
| --- | --- |
| F | @1000 |
| m | @1001 |
|  |  |

# Locals [f]

|  |  |
| --- | --- |
| n | @1003 |
| M | @1003 |
|  |  |

**Memory Table**

|  |  |
| --- | --- |
| 1000 | <f()> |
| 1001 | 5 |
| 1003 | 6 |
|  |  |
|  |  |

# Memory table

**Memory table**

**Address**

**Value**

1000

1040

1080

1120

1140

**Address**

**Value**

1000

1040

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) #What is the output?

# Globals Locals [f] 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: print(L1) #Output:

# Globals after line 1

# Globals after line 2

# Globals after line 3

**Memory table**

**Address**

**Value**

1000

1040

1080

1100

1120

1140

1160

1180

# Globals after line 4