For each snippet of code below, complete the memory model diagram and write what the output would be.

# Q1.
lst = [3, 2, 7]
lst2 = lst
lst.append(99)
print(lst, lst2)

# Q2.
x = [1, 2, 3]
y = x
y = y + [4]
print(x, y)
# Q3.

```
temp = [5, 10, 15]
other = 75
L = [temp, 'hey', other]
print(L)
temp[1] = 99
other = 0
print(L)
```

```
  temp  id60
  other id9
   L  id80

  idc0  list
    0  1  2
      id6  id7  id8

   id6  int
     5

   id7  int
     10

   id8  int
     15

  id9  int
    75
```

# Q4.

```
L = [[1, 2], [3, 4], [5, 6]]
for item in L:
    item[1] = 88
print(L)
```

```
L  idc0
    0  1  2
      idc0  list

   id5  int
     1

   id7  int
     4

   id8  int
     5

   id9  int
     6
```