1. What is the result of the code, and why?

>>> def func(a, b=6, c=8):

print(a, b, c)

>>> func(1, 2)

1 2 8

This func assigned 1,2 with a and b. in def value for c

2. What is the result of this code, and why?

>>> def func(a, b, c=5):

print(a, b, c)

>>> func(1, c=3, b=2)

1 2 3

System replaced value for c and took 3 instead of 5. And print the values for a b c

3. How about this code: what is its result, and why?

>>> def func(a, b, c=5):

print(a, b, c)

>>> func(1, c=3, b=2)

System replaced value for c and took 3 instead of 5. And print the values for a b c

4. What does this code print, and why?

>>> def func(a, \*\*kargs):

print(a, kargs)

>>> func(a=1, c=3, b=2)

1 {'c': 3, 'b': 2}

\*\*kargs is to create dic that is key value pair. System took values for a, and rest created a dic

5. What gets printed by this, and explain?

>>> def func(a, b, c=8, d=5): print(a, b, c, d)

>>> func(1, \*(5, 6))

1 5 6 5

>>> def func(a, b, c=8, d=5):

print(a, b, c, d)

>>> func(1, 5, 6)

I tired by removing star, I think star is to seprate them and assign a and c to them. Otherwise system will assign(5,6) to the b

6. what is the result of this, and explain?

>>> def func(a, b, c): a = 2; b[0] = 'x'; c['a'] = 'y'

>>> l=1; m=[1]; n={'a':0}

>>> func(l, m, n)

>>> l, m, n

(1, ['x'], {'a': 'y'})

L is int, m is list and c is dic