

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

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

```
    print(a, b, c)
```

```
>>> func(1, 2)
```

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)
```

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

```
>>> def func(a, *pargs):
```

```
    print(a, pargs)
```

```
>>> func(1, 2, 3)
```

4. What does this code print, and why?

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

```
    print(a, kargs)
```

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

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))
```

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
```