
The learning of week 3

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1 The return of print()

It returns the None.

2 The lambda function can be nested

Such as

```
lambda f: lambda x: f(f(x))
```

And the function is called in nested way.

3 The or, and

The 'and' should 'or' have the property of short-circuit, which denote the expression will stop calculating when it reaches the first sub expression that can determine right or wrong.

4 The name of the function

```
def f(x):
```

```
    return x*x
```

```
def f(x,y):
```

```
    return x+y
```

The second will cover the first

5 The definition of curry

Transform a multi-argument function into a single-argument, higher-order function