

CHAPTER04 流入流程控制

▶ 函数返回值

▶ Fibonacci数列

```
#!/usr/bin/env python3
```

```
def fibonacci(n):  
    fibs = []  
    a, b = 0, 1  
    while a < n:  
        fibs.append(a)  
        a, b = b, a+b  
    return fibs  
print(fibonacci(10))
```

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▶ 函数参数默认值

```
#!/usr/bin/env python3
```

```
def ask_ok(prompt, retries=4, complaint='YES or NO, please!'):
    while True:
        ok = input(prompt)
        if ok in ('y', 'Y', 'yes'):
            return True
        if ok in ('n', 'N', 'no'):
            return False
        retries = retries - 1
        if retries < 0:
            raise IOError('input ERROR')
        print(complaint)
```

```
ask_ok('Do u want to quit?')
```