```
In [1]: range(10)
```

```
Out[1]: range(0, 10)
```

```
In [2]: for i in range(10):
            print(i)
```

```
0
1
2
3
4
5
6
7
8
9
```

```
In [4]: def test_fib(n):
            a,b = 0,1
            for i in range(n):
                yield a
                a,b = b , a+b
```

```
In [5]: for i in test_fib(10):
            print(i)
```

```
0
1
1
2
3
5
8
13
21
34
```

```
In [2]: def test_fib1():
            a,b = 0,1
            while True:
                yield a
                a,b = b,a+b
```

```
In [3]: fib = test_fib1()
```

```
In [4]: for i in range(10):
            print(next(fib))
```

```
0
1
1
2
3
5
8
13
21
34
```

In [5]:
```python
def count_test(n):
    count = 1
    while count < n:
        yield count
        count = count + 1
```

In [6]:
```python
c = count_test(5)
```

In [7]:
```python
for i in c :
    print(i)
```

```
1
2
3
4
```

In [ ]: