

Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32

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```
>>> def create_cubes(n):
    result = []
    for x in range(n):
        result.append(x**3)
    return result

>>> create_cubes(10)
[0, 1, 8, 27, 64, 125, 216, 343, 512, 729]
>>> for x in create_cubes(10):
    print(x)
```

0
1
8
27
64
125
216
343
512
729

```
>>> def create_cubes(n):
    for x in range(n):
        yield x**3
```

```
>>> list(create_cubes(10))
[0, 1, 8, 27, 64, 125, 216, 343, 512, 729]
>>> def gen_fibon(n):
```

```
    a = 1
    b = 1
    for i in range(n):
        yield a
        a,b = b,a+b
```

```
>>> for number in gen_fibon(10):
    print(number)
```

1
1
2
3
5
8
13
21
34
55
>>>