A mit A

```python
np.correlate([0+1j], [0+1j], 'full')
```

```
array([1.+0.j])
```

A mit T

```python
[19] np.correlate([0+1j], [0-1j], 'full')
```

```
array([-1.+0.j])
```

G mit G

```python
[20] np.correlate([1+0j], [1+0j], 'full')
```

```
array([1.+0.j])
```

A mit G

```python
[32] np.correlate([0+1j], [1+0j], 'full')
```

```
array([0.+1.j])
```

A	C	T	T	G	A	C
0+1j	-1+0j	0-1j	0-1j	1+0j	0+1j	-1+0j

G	A	C
1+0j	0+1j	-1+0j

```
[30] print(np.correlate([0+1j,-1+0j,0-1j,0-1j,1+0j,0+1j,-1+0j], [1+0j,0+1j,-1+0j], 'full'))

     [ 0.-1.j  2.+0.j  0.+3.j -2.+1.j -2.-1.j  0.-3.j  3.+0.j  0.+2.j -1.+0.j]

[29] print(np.arange(-7 + 1, 3))

     [-6 -5 -4 -3 -2 -1  0  1  2]
```

QUIZTIME!

```
a = 1
b = 2
c, d = a, b

for i in range(d):
    print(i)
    i += 1

'''

A: TypeError
B: 0 1
C: 0 1 2 3 4 5 6 7 8 9 .... forever
D: 2 3 4 5 6 7 8 9 10 .... forever
'''
```