

05-12-23

Cloning Lists. (COPY)

Day 60

①

$a = [10, 20, 30, 40, 50]$

$b = a[:]$

Slice operator.

- ② list()
- ③ copy.copy()
- ④ copy.deepcopy()

② list()

syntax: ~~new~~ list_name = list (old list name).

E.g: old_list = [10, 20, 30]
 new_list = list(old_list)
 print(old_list)
 print(new_list)
 old_list [0] = 15
 print (old_list)
 print (new_list)

③ copy.copy()

↳ slower

↳ need to describe the data type. of old list.

Syntax: new_list = copy.copy (old_list)

④ copy.deepcopy()

↳ slowest and memory consuming method

Syntax: new_list = copy.deepcopy (old_list)

list parameters

```
def del-he(t):
    del t[0]
```

```
letters = ['a', 'b', 'c']
del-he (letters)
print (letters)
```