"Hello Everyone!"

List Slicing
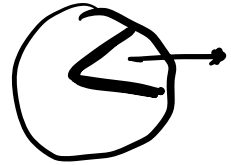
[   ], append

a = [4, 10, 20, 5, 7, 10]

→ List slicing

① Access an elem → Single

a[8] → 5
    ↳ index_no

* Accessing a range of elements.

List Slicing

range (a, b)
0, 5

a[a : b]

(start) index included   excluded (end) index

$a[0:5]$

eturn a list which have
all the elems of list a
from 0 to 4 index

Imp:- Original list does NOT gets updated
but a new list is created and
returned.

Doubt

range (3 , 5 , 6)
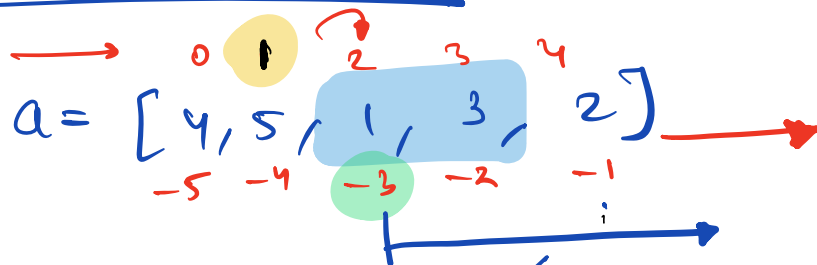
i = 3

while i < 5

print(i)

i += 6

* Negative slicing :
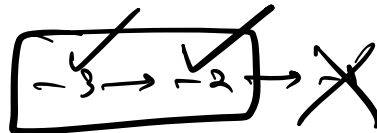
a = [4, 5, 1, 3, 2]

indices: 0, 1, 2, 3, 4

negative: -5, -4, -3, -2, -1

a [-3 : -1]

step size → (+1)

-3 → -2 → ✗

1   -3

b [1 : -3 : 1]

L   R

$a[s:e:step]$

+1
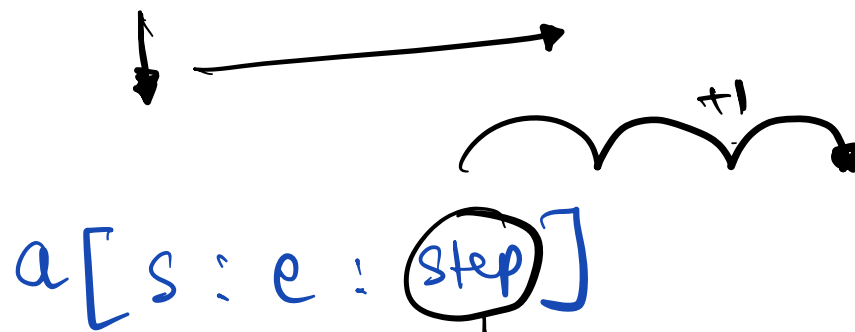
Imp

indices

$\downarrow$

position

direction

set

set

Subset

Subarray