

How to change

add item

fruit.append("pineapple")

Valid indexes to a list

mylist = [a, b, c, d, ..., z]

$\uparrow$ $\uparrow$ $\uparrow$ $\uparrow$ $\uparrow$
 0 1 2 ... len(mylist) - 1

Negative indexing

mylist[a, b, c, d, ..., y, z]

$\downarrow$ $\downarrow$
 -len(mylist) -2 -1

boxes

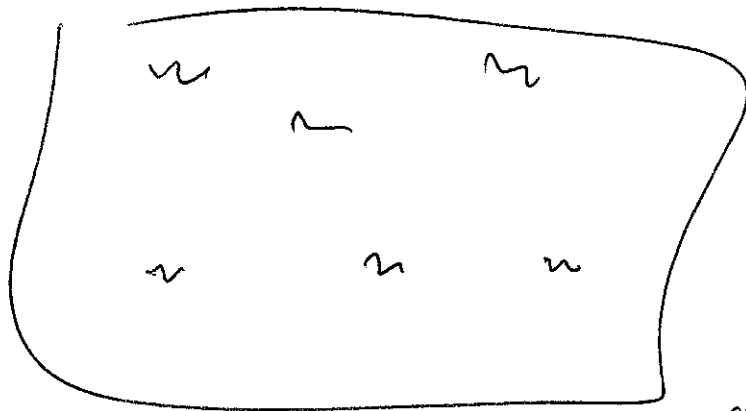
[[10, 5, 20], [5, 10, 11], [2, 2, 2], [4, 6, 3]]

$\uparrow$
 boxes[0] boxes[1][2]

"Objects" → each object is a list of attributes

list of objects

Lists



alien1 x
alien1 y
alien2 x
alien2 y
...

fruit = ["apple", "banana", "strawberry", "watermelon", "mango"]

Indices: 0, 1, 2, 3, 4

to refer to a single item
in a list

① print (fruit[2]) strawberry

② length list
len(fruit)

③ How to go through

for i in range(len(fruit)):
 # fruit[i]

i = 0, 1, 2, 3, 4

④ if "centaloupe" in fruit:

③b

for f in fruit:
 # f