Name! Simrun Sharma

Code

When in 3 if x=x.sort() it will return None but if jost X. sort () then it x = sortedlist they returns suredist

Code-Drawing Template

inplace

Code	Variables	Objects
x=[1,2,3,4] y=x x.pop(1)	X=[1,3,4] N=[1,3,4]	X -> [1,3,4]

Variables

X=X,50+() 01 JUST X.501+() m-eans x= 'None' y= is hew sortedlist

2		X = [1, 4, 3, 2] Y = [1, 4, 3, 2]	X -> [1,413,2] y -> [1,413,2] sorted(x) needs to be reassigned to a new new
ĺ	Code	Variables	Objects variable
	X=[1,4,3,2]	X= None 3 H)	X -> None list
	4=X	V=[1,2,3,4]	V-> [1,2,3,4]

Objects

x=x. Sort() Objects Variables Code X-)[3.14,42,1.618] X=[3.14, 42, 1.618] X=[3,14,42] 2= f'boiling #: [1,2,3], Y= [3.14, 42, 1.618] "buring" ["[1,2,3] "interesting": x} z= {boring: [1,2,3], y=x y,append(1,618) Z -> "interiors" ces har (3.19, 42, 1, 618)

Code

$$X = \begin{bmatrix} 42, -1 \end{bmatrix}$$
 $X = \begin{bmatrix} 42, -1 \end{bmatrix}$ $X = \begin{bmatrix} 42, -1 \end{bmatrix}$

Exercise 2!

X=[1,4,3,2]

Lythis leaver X and y x-(1,4,3,2) y:[1,4,32]

x=Surted(x)->creates new L) gives X=[1,2,3,4

Code	Variables	Objects
y['dino']=['bg goy', 'lizad']	X= [dog: ('fido'.	Objects X ['dinosaur_names'] = ['big guy', Isuperliza X ['cat names'] = ['fluffy', 'bife-y', Objects
y ('cat-none"), append ('tiger')	Y= { 'dog-neres'; "fillo, woster"}	x ['cat nanes'] = ['fluffy', 'bife-y',
Code	Variables	Objects
Code	Variables	Objects
		N
Code	Variables	Objects
		y
Code	Variables	Objects
1 1 1		
Code	Variables	Objects
Code	Variables	Objects

import copy

y = copy, deep copy(x)

means x and y point to

two different ubjects