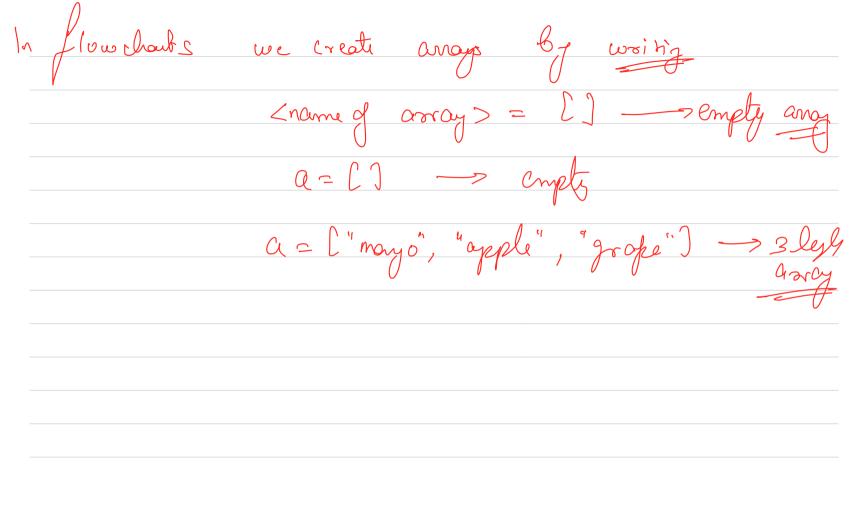


Ju som froblem, you have to take input of 45 You have to also use all of men (ales. Le lo solve this esser ue hour cerrays.

You have to store name of 200 people

comal dybrition - Arrays are data structure which can
contiguous,
shore data in linear, Pashion, and Occupies a linear Continuos space in memory. representation of, 13

Mow arrays can be useful ? ?. arrays -> have a beg sig 200 rames -> array of Size 200 You won't have to make 200 variables (Ecommuna) >> 1 U1



Initialize an of length \_ name Pabel of this is an numbers = [2, 5, 1, 7, 10, 11]

Now to access elements

2=10 Print(n)

Concept of indexing/positioning.

What is indexing?? The process of giving unique positions to cell the clements of an array is called

indering in array

10 ] 6 7 point (Arro [6]) -> 0 print (Axo[8]) Lenox undering 0-7 Crenerally in programming indexing starts well O. Der C, C++, Java, Python, Ruby, Javascript, CH, Reet men ave enceptions > En mat lab (indexing storts cueln 1)

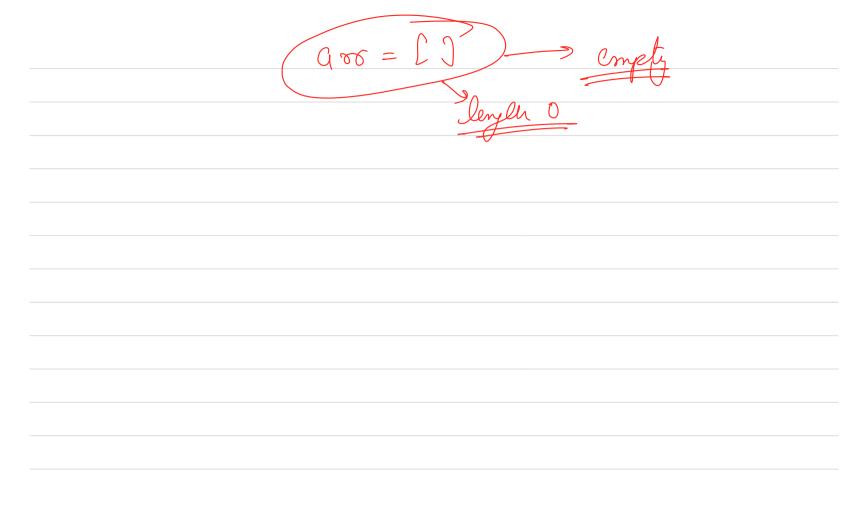
print Caro [1]

an = [] Ini vi alure -> ar = (1,2) point (aro (0)) frunt -> up date any -> and [2] = 999

enden

wewant nemost  $\alpha = [2, 3, 999, t, 6, 5, 0, -1]$ 

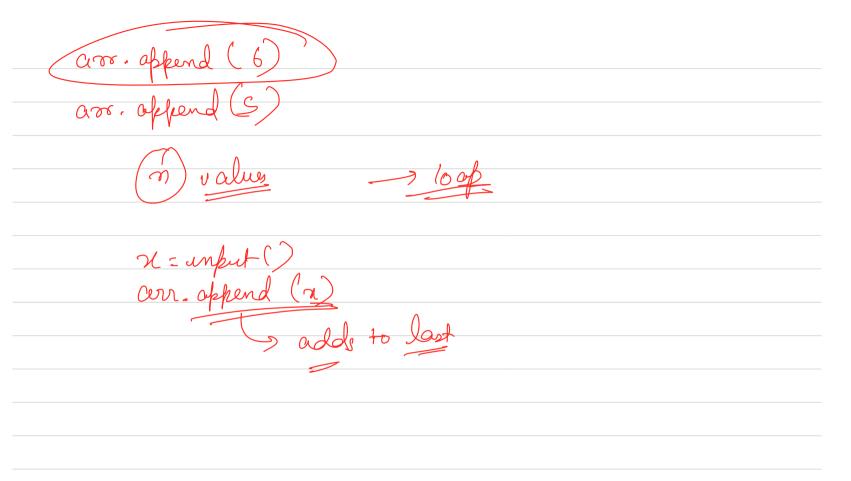
4.9 6.3 2.2 8.1 arc = [4.8, 6.3, 7.2, 8.1]



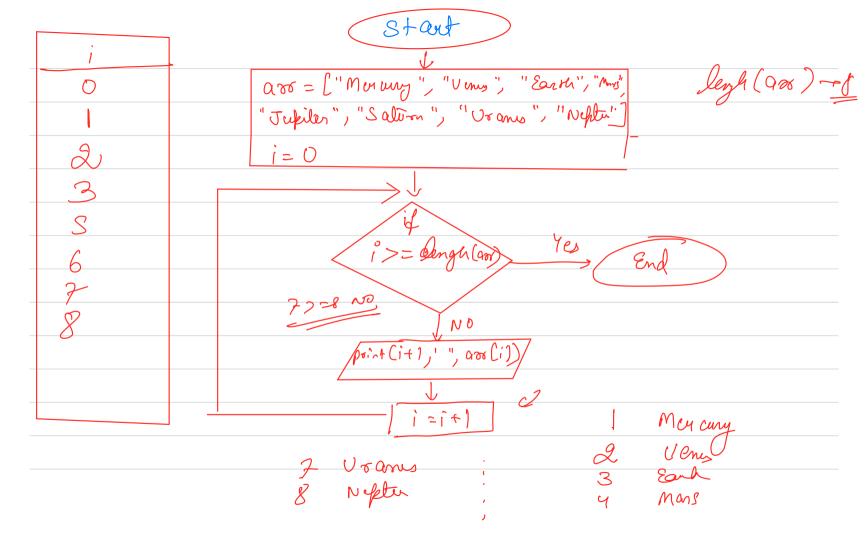
name of array is grow How to print value at the 5th index ? print (avs [5])

rindening -> print (avs Linden) valed value ginder general => [0, leng m (avs) -1] ars (-1) - (error

value at 3°d index? How to up date ar (3) = 19 Mow to further add some values in 6 4 6 7 5 ast. append Size - 9 6 4 5 孑



Dolam a flowchart to proint Mercury Venus Earth Mars Jupiler Satura O ranus Niptuno



Vscy will give you input of n student names. Print all of Mem but first store in an array Stout append n=anket() Nb x = unpert()

In an array and then point those numbers which are luen.

