

9 wheretance := Multileus unherdance Single Livel Multiple luel Agrent Parent Carandptro father Chald: Pelymerphismi & Method oversiding everloading -overloaded > Constructors en Pothon: dunder or magic Imethod, it is construction and end with when an object is created than the code or instruction inside constructors are emust be executed. Class person: # evit method or Constructor > This variable is uses to -( sey, name) entialise value of other variable each and every those when constructore to created than be one variable i.e. self or any other name

Self. name = name # Sample method and it is dof say-hi ('self): ?!

print ("hello my name is"; self name) = person (c. nuharika ) [OP; -gh/jk] > object created of class chesson meter which b alens My name is nihanka 10: say hi () 0/P: 1 = person (« Chhaya») op; — gfjk; ...

[ Constructur executed when object is created] OP -> My name is chlayo. piè say-hèll)

. or - addono Class:— · class is a blueprint Ilère e a si is an object of integer dass. Some i.e. — each variable is the object of their dalatype class? b= chaya, (b is " strugued) In python datatype? is leasically a lai as smotet. class, when we create a variable of that datatype, g it coreans lue are executing That class. .\_. 90 In class we have two things 1. Data conproperty en Attitutes 2. junch or behaviour or method The name of clan should be in pascallase Ex: - This Is Pascal Case 3, 5.17 - 10 Cachword 1st letter is Capital Camel Case: Ethio Is Camel Case : 30 . To this istiletter of 1st word. Small and 1st letter of other word capital and rest letter small. > The name of mothod should be in Inake case singly - this is snake case In this each evord first letter small and each mordies defrated with einderscore

-> Structure of class:
Pascalcase
class ouz:
Color = « blue » # data
model = e & sports " # (1) & nakecase.
0,000
def calculate_aug_speed (km, time);
Code g
mellos.

Self: - Ey' is basically a variable mame that contains the object it self. sey. menice) une use it to cate the fetch the attribute or mothod. Both same becouse before is same variable or 'Obji' is same as 'su id (seef) \ id (obj) Me use or pass self? Ob in each met lecause any other or method, of Can't call any other abtributes of method of to establish relations only their 'oby' Can Call or fotch the attributes or methods () I that why we have to pan the 'oby' as the variable 'self' to establish relation between all methods and attributes.