[Day 9] # Of Profesomoring Paradigm that uses 'objects & classes' to design applications & computer programs. Good dlows for modelly mal-world scremmins using clauses and objects 4 Claus is a bhaprist for creating objects - Attributes methods ### instance variable and methods (Hore raniables) dans ag: ## contractor dg -init (reno, age). self name = nome Self.age = age ## Greate objects 001 = Dol (11(00011) bound (agl) # bounds opi sorque Print (doll vans) # frints books (oco perd (doll. cde) # build3 ## Define a days with instance methods Class Dog: def \_loit\_ (seef, nome, age): Self none rome self ge : ge dof bank (sey): # instance method ("food stope found, food ") tog1 = Dos (1 " 600", 3) # Privets Coco says word doglabora ()

# Inherstance - concept in ool that allows a class to Thenet attributes & methods from another dans. be super() method is used to whait the properties of box class. & Single inhestance I mustiple inheritance by when class who with som more than one Example: Hultiple inheritares base class class Animal: tel init (selfinaria): Self. name = name def space (self): Print ("Succlass must inflered this nethods) #Box dess 2 Clan Pet; def int Coof owner). felt owner = owner # Devired days Claro Rog (Arrival, Ret); def mit\_(seef rons, owner): Anend. \_init\_(set, name) let \_int\_ ( seef, owner) def speak (self): ochons "East name" say word" OBS = Dog ("loca", Knon") Thind care of a woof. Mrd (dog. Speak()) MHAS KARIN point (dow.owna())