OOP (Object-Ordented Popyrainming)

- functional / Structured programing

Orantation; persective (the way of looking) enpres (Cell () Python Develop

Ryles of D-0

il the world is collection of object

(R, every object is useful object, and no object is weless

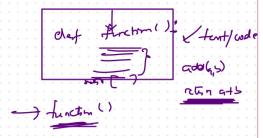
3, every object is in constant interesting with other object, no object is isolated

(M, Every Object belong to a type [and -> Humpfirst]

is Type doesn't enists in reality, only the objects of that type enists in reality, only the objects of that type enists in reality,

Clab? blue print (or) template for creating object

Digect: An instance of a class



(6) Every object has 2 posts

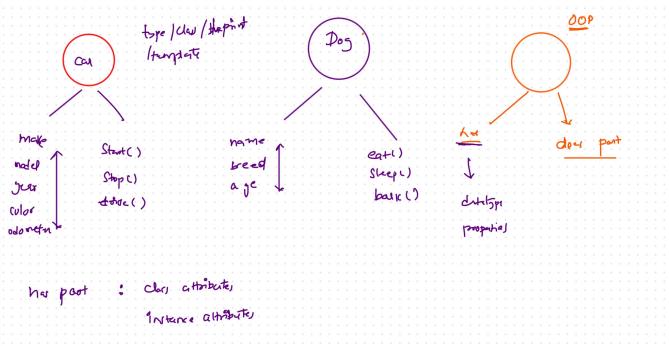
(1) has part (attributes -> data)

(2, acer part (methods - functions) 1 opuetes on those attribute

(7, Pottson is a multi-pardign language that fully support DDP parinciples

OOP Festived | paredigm

(1) Inhustana (3) enceptulation , 4 Abstraction a, polymosphim



Inheritance

allow a clay to inheir attributed of matter term attributed of her level) inheir temp we multiple inheir ance a rough level inheir terme attributed inheir terme attributed inheir terme with level inheir terme with the level inheir terme attributed inheir terme attributed inheir terme in the level inhei

MRO (methal resolution andu)

to helps as the order in which potion looks for methods in a hierardy of dad

Python Modules & Parkage,

Module: moduler are potom files containing (ade such (variables, functing, classes)

that can be used in other programs

In but Modules : comes with gatton as a standard library of buit-in modules

Syntane (1, import module name voidle, tunitim, des)

Use plp for Haird parts Packages

& PPP install speciese names // lotest western from delegue

310



\$ pip fattell epactage-name == 1.2.7

\$ pip in (tall - upoprade (package-name)

& pip unistall y>

& pip list

ptp show xpkgs

Virtual Environments:



2-10 2:17 Three

3:10:1

3:10:1

3:10

3:10

3:10

Creating a winted environment

) & portion - m creary knames

(myenr)

Authorite

Authorite

Authorite

Authorite

Authorite

Myenry | Surptis | activate (window)

Authorite

Mac)

A dearthuate