Object Oriented Programming

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Basic data ligger

print $(type(s)) \longrightarrow$

* type (Tome) ->

string / th. data type bool, data type

* type (hello) -> X

hello to a vaniable.

Each vorriable / date her its own date type;

Composite data ligges

list dict sot composite.

l = [1, 2, 3, 4] print (type(e))

Complex numbers: (2+3i) + (4+6i) def complex-sum (Q, b) return a+b a+ib

def complex-sum (a,b,c,d) a+id return atc, b+d a+c + i(b+d) l = list () l = [1,1,3] C1 = Complex (1,2) C2 = complex (3,4) Complex S def add (C1, C2):

> add subad_

** Object - Oriented Programming * ~

Procedural programming

Using functions and logic

as the crux of your

program.

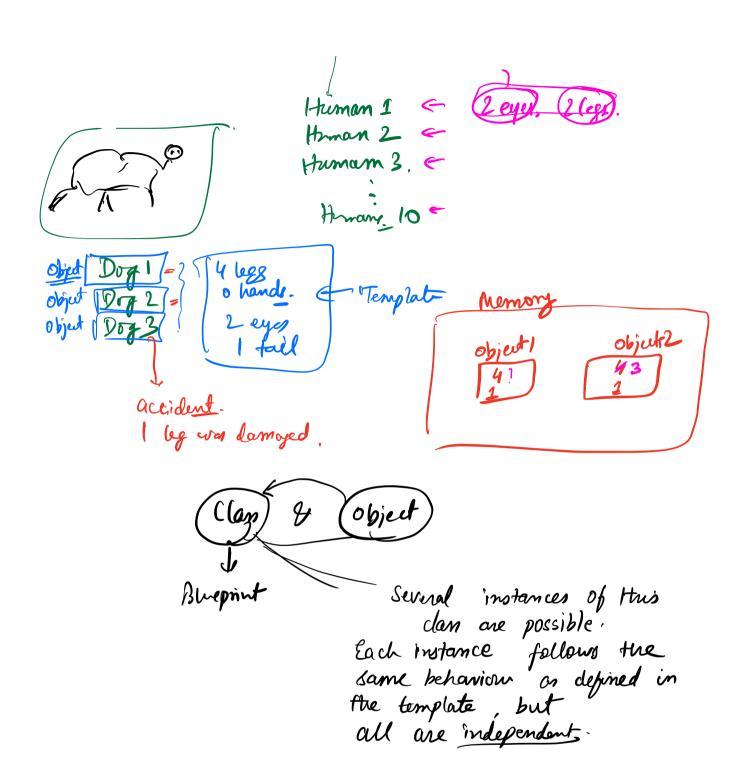
* OOP -> approach to unite your programs in such a way so as to arrange your code around object.

Class Objects

A class is a blueprint -

Where object is an instance of the class.

Human define the rules of how the object thould look like.



Google Colab (Python Notebook) Link.

https://colab.research.google.com/drive/1qUIMUm9Bg7Tsi5-iEk0FSWooleH1cvle?usp=sharing