_init _ (self): DOPS PYTHON CLAGS, OBJ : It is a constauctor.] INSTANCE OBY VARIABLE. Class, object, Variables inside a class, fun iside calls by default. NOTE: a class or miller mer (minus) Trosido a initialisation. function always Acossing class. Voriable sol -> appent diject. use say Von. class (class name): Calling by detault & function's 1st Parameter is Sall and Walt Each obj for those have self have Voi = classinance: Class laptop: unique different Value. Psilce=0 Stam="" hp = laptop() They do Not the Same. This is a object. Similarly for fuctions. Herico they are called INSTACE VARIABLE. hp. Police = 10,000 Functions > def hp. 91am = "8GB" To have a comman Variable you a dass, we call That CLASS VARIABLE! class is a templater for the obj We can change them > closs . classion =" OBJ = INSTANCE of an class Daning inhortance it we have * Voor inside class => class vooriables y members of * Func inside class => mothods y the class. TYPES OF HETHOOS: INSTANCE HETHOD > We use instance = object, solf Coreating obj , class instantiation comprised of my Each old is accessed + used. CLAGO HETHOD > according a now VARIABLE. SHORE METHOD AND COMING DESTRE NOTICE VERNICALIS If one class is liming introduct my much a class

ारकानुवान कर १७६९ क्यान भागान्त्रात्।

HERDELDHE JOHERSTEINER

Decementaries are used above turistion.

STATIC HETHOD not costing both class, instance Variable

@ class method.

In dosemethod those should be resomator like sof, do which takes dose as

It @ dose method is NOT cood then,

H not dos dosmothod ()

INHERITANCE: 40 parts 14 yourse

Single inhoritance. - O class nam (class name),):

Hultiple inhoritance - 1 cm From cures to area accessing accessing Via offin From Here!

Inheritance is a concept when one class.
Can cososs the member of other class.
Eg. Son, man, dad.
HULT LEVEL INHERITANCE (HOSTAGE)

Inhariting in not not law. I for 1919

HIERARCHIAL INHERITANCE

if one does is being inhorited by multiple class

Combination of inhoritance, is HYBAID INHERITANCE

SUPER KEYHORD:

Dieling inhoritance it we have constructor for

child will be executed, if there is no child class will be executed, if there is

did dos = desired dos .

When zee use multiple inhonitance than the 1st parameter will be exected.

eath but default. I non

It is a constituctor, meaning her vening

OCTS PYTHON

censiliacien

POLYHORPHISH :

A perogenan that changes it appears on according to the type of junction call.

BASE = PAPIENT CLASS (different signature)

DEPTIVED = CHILO CLASS. KEY DIFF: date-type, no of conguments used

Those are 2 type of Polymorphism

Static -> Compile - time Polymorphism

dynamic -> Pun - time Polymorphism.

Hot Inhoritance

inbuilt > lanc) usordefined > default Value

A child perovides a method that is obroady defined in its prount.

Otatic palymorphism is not accepted in Py.

ENCAPSULATION

Public + Private members.

Destualt pullic.

— in view name makes the Van perivate Such THAT

it can be accessed only within the class

and CAN'T be

accessed outside the class. I Perivate

This process is called encapsalation.
Hiding data, suscentristing data

- Von name y PROTECTED VARIABLE. (It just tells it should le handled with come).

Python uses name manyling. It sudding as _class_va.

EXCEPTION HONDIANG

with a company of the second

EXCEPTION HANDLING:

34460 of 00101:

Each estron has a name. Outer syntax.

→ COGLICAL ERROR CON Jagic What !!!

se should handle the strong sunning of

the distinct & squart Ville 119mlf 12 march

HOT INTERPORTS

continues -> torus from togalis co borsos Actic - compile time telynophion

income salts of toolumbus

HEY DIT date the to do DEBTALD CHIEF CHEEP I BUSE WHEN CLASS Saus mayou

Popular man marghes of softers as - - -- VOITLAND & PROJECTED VORTINES (# 107 4015 H 104)

Hickory debu cascernating data the process in child market ortion

and court to - m Non name makes the was part to some mon PLUIS & PRINALE MEMBER 1

ENCOPORUMON

LOCANCHIMON COM LANGE