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(00Ps)
Anst- Object Oriented programming (OOPS)
Is a nethod of smuching a program
by bundling related proportions
by bundling related properties and behaviour into individual objects.
Features of OOps.
O class: These are collection of objects.
W clays: These are conjunt
al at Sharatt'
Catatament - Day I
discourse & 5 to to 5 to to 1 to the said of the said
down tank
@ Object: entity that has state and behaviors
a la la me d'aceptate idenção economica
Eq class o 6lass!:
def init (self, mode 1, year);
in the second and a problem of the second of
every ser says for some cases
C1 = cur (" Honda", 2012)
a. display ()
3 Method: function that is acociated with
an object in python a method is not
unique to class instances.
Unique 10 dis

A TIME OF
1 Inhuitance: Most important aspect of
oppendich simulates real world
Concept of inhoustance.
Eq An child inherit their properties
from parents.
agos, da se desa
5 polymorphism. We have a class animal
and all animals speak but they
Speak differently. They speak behaviour
is polymeric in a sense à depends
on the animal, so abstract animals
docsnit speak
An polymorphism is the ability to
of their class and date types.
of their class and date types.
6 Encapustation = It is also assential
aspect of oop. In this code &
data are wrapped together into
a single unit form.
(A) Dolo Asobrado
(1) Dala Abbrachion = It is used to hide
internal details a show only
functionalities.
Eq when we are driving a car, we only
Shop and break etc. The care like

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DATE: / /

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Ars-2-	There are	. Five	types of	· iheritane
A Same		William Ho	0	
1) Sing	le inheritance	Carles Francis	Second Second	NA COLUMN
2> MUL	tiple inhuri	hace		
	thlevel inhe		10	
	crachical		A	
	parid inher			
O Single	inheuitence enables	= This to	ipe of i	houtence
1	enables	Subclass	to inc	ut me
pmp	urbies and	character	ish'cs	o j
pare	t class		1	
chilo	ola inheriter	inherit T	he prop	serbics_
and	characteris	hics from	more	than
one	parent	class-		
(3) Mulhiler	el inheritar	ne: This	inheritence	transfer
the	properties o	t charact	crishes 1	3
done	to more	than one	closs b	i crarchially
9 Hicran	chial inher	vitance 2) TI	his inhe	ritance
allow	a day t	o host as	a pare	of class
for	more than	one sub	dass.	
Jo				

Thybrid inheritance. In this more than one types of inheritance is implemented
one types of inheritance is implemented
in same code.
[A] [B]
(Angle iheritance) (multiple inhuitance)
the territory of the second se
A Base class
and the top of the second seco
with dead to there is indirection
B Intermediation
B Intermediation B C D
Derived class
(Hierarchical
inheritance)
(Mulhilerch inheritance)
AND THE STATE OF T
1) Mulhlevel = In this type of inheritance 9
Bub class can inherit from its all previous
class.
2) Simple - To this two I want
2) Simple = In this type of inheritance
there is only one sub-class and one super class.
one Super Class.
그녀는 사람들은 이 이 아래에 가게 하지만 만하는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들이 가는 사람이다.

2) Multiple. To this fine of inheritance
3) Multiple. In this type of inheritance there are multiple super class and
There are mother sopo
one sub-class inherit them.
us as a state of the state of t
4) Hienarchical = In this type of inheritance
there is one super class and
multiple Sub closses
isothiba (192 moras
the state of the s
Ans-3- class Person:
def == init == (self,a):
Self. age = a
Self. age = a  Self. address = a "
def Str Geg:
return self. address
return self address
Les bbs dos son
class Employee (Person):
def chit (self, sin):
Self. Salas y = 3
Self. name = n
Super () init (self, a)
def Set Add Set Address (Self,a)
Self. address = a
det Salany (Self, 3)
def Salany (Self, 5) Self. address - 5

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def set Name (self,n): Scff. name = n def Get Address (self) def get Address (self): return self. address det get Salany (Self):
return self. Salany def get Mame (scif): return Self. name Obl = Employee (" Raj") print (ob1. address) ob1. set Name ("UPES") obl. set Salany (200000) obl. set Age (21) od print (obl. get a Mame ())

to from the day following

print ( obl. get Salary())