Object Oriented Programming

L= I 1. 2.3]
L. count (2)
1

Class List():

Count

=-iter

Ri = Rist() so EJK

Programming Ponadigm

Procedural OOP Functional
Next

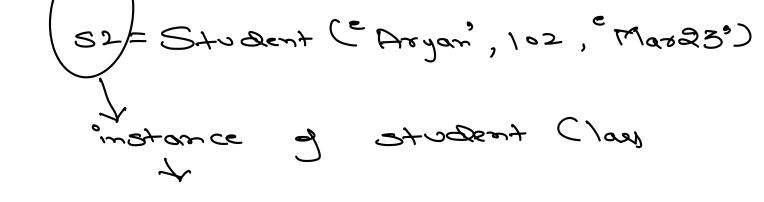
Sobjects

C/003 > bluepoint -3 Collection of similar attribute and be haviour Variables

class Student: name ', D Noted

dej watch-lecture ():

Student (Neetho?, 101, Aug 23)



+ Instance Voriables one specific to an instance

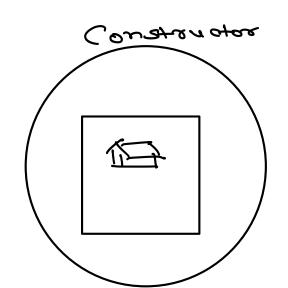
Constructor

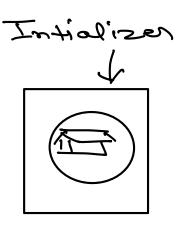
DI It anidar exembed

3 Initializes instance Vors

I witializen:

& Just initialized Vans





-- Method -- < inherited grom
object

Aunder Methods

* --init--: It's special dunder

method that gets invoked

automatically

Performs tasks after

object is created

9 Polymorphism:

3 Same Entity diggenent
behaviour

To Revitance

Can
In Revitance

Harchback

Properties

Methods

Parent.

and

> Hiding Information

2) Abstraction:

3 Implementation details

3 General Template to Create Classes

L) Abetract Methods

D Encappali 100:

2) Pacting dode and methods into single

entity

2) Provides mechanism

to prevent date

modifications

-> Access

Specifier

Hide Dola

Aborto action Concapsulation