POLYMORPHISM

exist in different forms. → Bicycle → 2 tyres Truck -> 6-8 tyres Polymorphism

Method over ding Tup

Metho d Overloading Tup

Operator burloading

1 Method Overviding

Parent Child Same method

Parent moul

Child move

Obj of child --- call method

child wala method hi call hoga

Vehicle MRO (move)

Bike (move) Splendor "(No method)

n move ()

Obj : -> sp.move ()
(splandor) clas splendor (vehicle, Bike) MRO
(Method Resolution Order)

{ Order in which clauses }

are searched Vehicle X Method Bike Splendor Current > MRO. 2) Method Overloading (Not exist in Python) > Square → side (1) → (side)² \longrightarrow Rectorgle \longrightarrow 1, b (2) \longrightarrow 1 x b Indured way - (Default four a meter) Rectangle 2 pariar 6 = None Square (a,b) 1 param (α)

3 Operator Overloading (special case of Mo)

(+') addition - 4+5

String - "Hello"+"World"

concatenation

Lelloworld

nagric methods

-- add -- (when u apply mo)

-- sub -- we call it operator

nucl- overloading)

ABSTRACTION 24 October 2024 12:02 Hiding the background process eg TV Remote Car	useful limb
K obot (°)	complex infoo (hidden) stract (bluefrind)
Concrete	Coverele unger Robot
Pizzakobot Copk Dyou can not creak object of I The is compulsory for all concret to have all abstract methods	Abstract Claus rete clauses