Class 2.9 - OOPS - 2 Saturday, June 21, 2025 10:40 AM Class forsom 5 Class forsom 5 Class forsom 5 Class forsom 5 String name: String control Street: String control String control String control String control S
Reuse tome Class Animal (not eggs) int eggs int eggs
O Cheld exends Parent
Drockage: collection of Similar types of Classes.
It Types of Inheritance Class Devend A

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Types of Inher # 1) multi level in novitance Class & exercit closs cextends A. Cogo, vola -) Multi ple In heri tance not allowed Zexxends X and Y] cless y & Class X { week () ? your (~-/com wolt), week () § Sout (" x can wellis) J class of extend of and s 3 2. 25 nev 3()

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2 22 nev 2(); 20 valeis, 3 Di amond 1 or blans y rotallo was Parent P = new child (); Allowed Child C = now Parent (); Not allowed

Rel It HOW construeror works on In heritance? nohen ve moke en objet of a child class, first parant construed is Called, then the child como truetor is # Super keywood used to reject to the T. call the constructor

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Super of parents

Super of super and variables

Super of super and variables

Birding the variables and methods sperating on the Nariable in a single class # Encapsulation to acrième the desired level of J Acces modi files Lo bey words used to control la ceup visibility of momber sociales) 3 Private s dejanet > 1 r letted & public I private s accessible only on the some clas!

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Jackstes gree you more granuler level of acor on the
odel aut : some package I notested: some package + suscless child class In the diff package:
of public & any where
the polymorphism of plicable on methods many forms method overloading compile time method overloading run time poly. method overloading
method overloading Some functione but diff signature signature function a little) not a double function a little) aloued of end function a little)

not coloured of put fun (int an in) =) Method overeit ding

s Runsing

that decides which

an I nethed has to be called reference décides the variables It Abstraction Is Hiding the Emplementation) only showing the recess or so details - Ways to achieve asstraction i) abstrad less is particle abstractions 2) Enserjace s complete La only contain method signalurly If Enley our but dæin't have empl= 1 child cless gives the impl1 orject lins tonce

P Interjace and abstract classes control be instantioted ..

Class extends class Class implements enterfal proegale exerts Enseyale @ Interfaces allow multiple En nevi tance