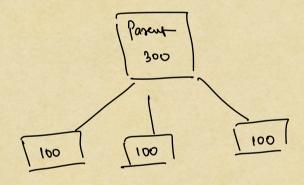
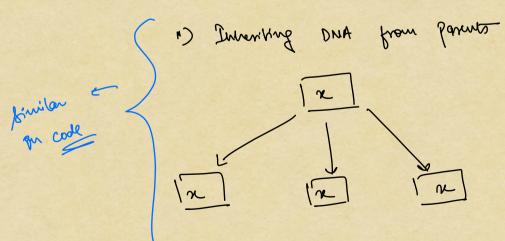
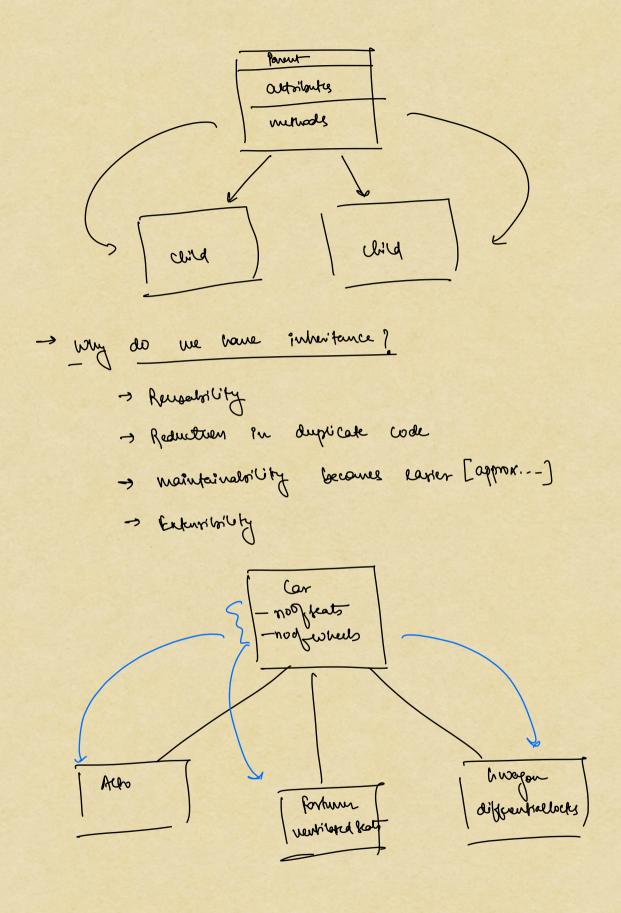
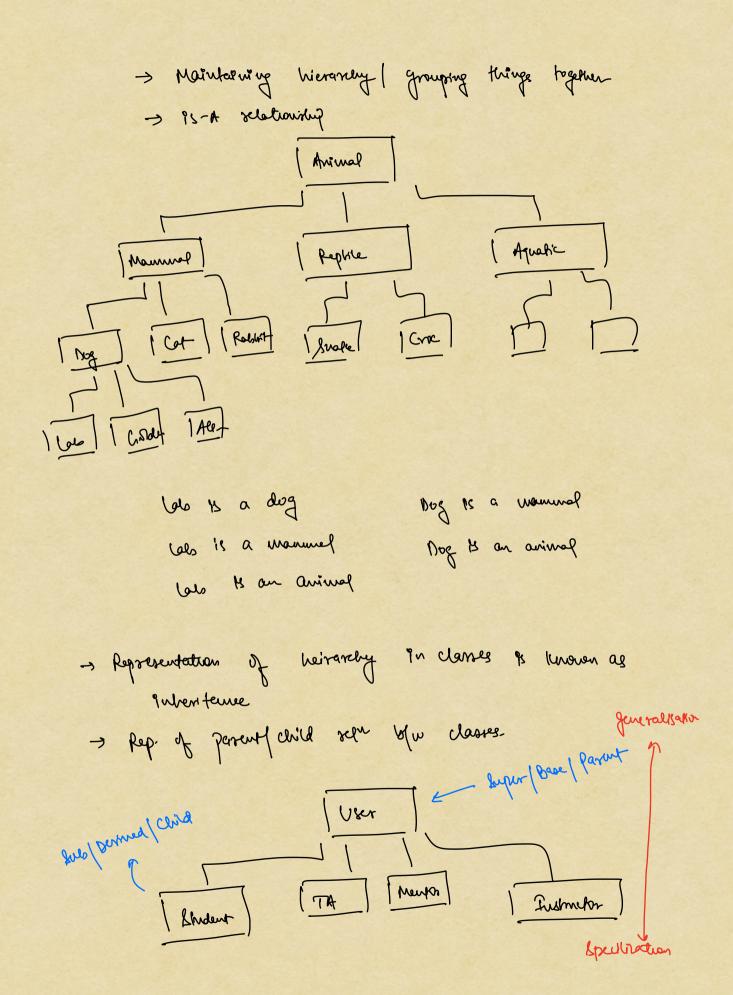
- Inhertence
 - : this & super
 - -> Poymorphirm
 - -> State [hime]
 - -> Arrignment -> (2)
- =) Suheritance!
 - 4 Junestrance in scal life;
 - 1) Inverting property orsets (many ;







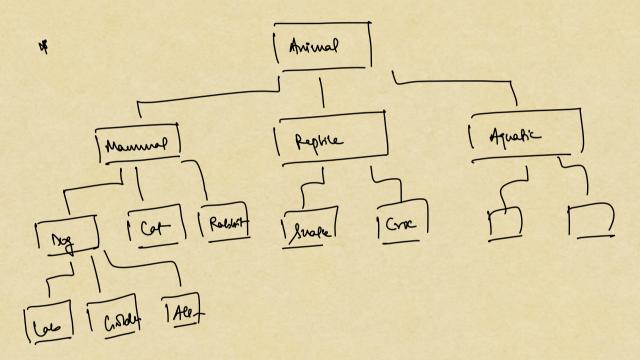


(attributes 4 methods)

* Unid classes Puberit all members of parent
but may or may not have their own members

OU => private as well

or child clan will have all affributes of parent clans but

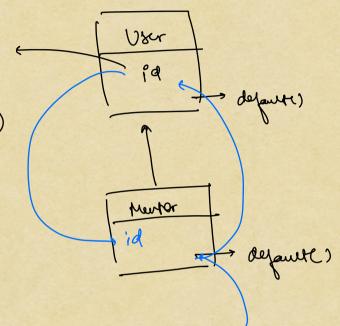


→ we get the idea of a close just by looking of the bierarchy and no need to look into implementation — the tracilion

-> STEPS TO CREATE OBJECT OF A CHILD;

of answer there 95 no constructor present

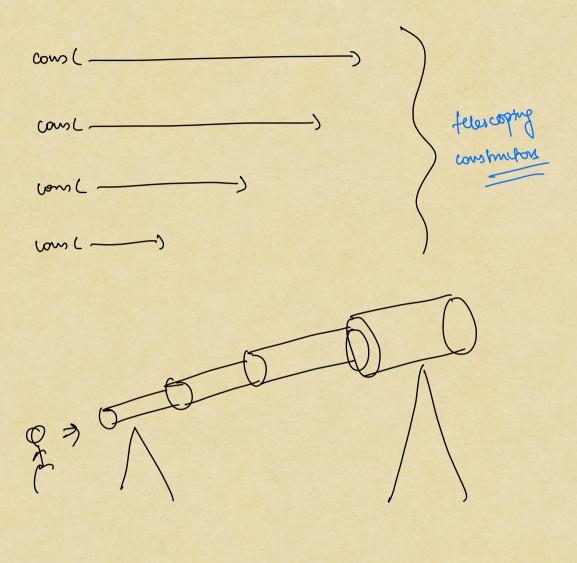
(vikidisalian)
vappus at parent

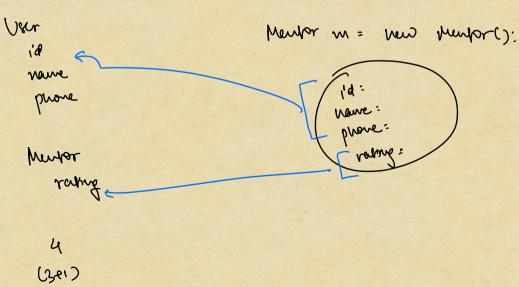


Menfor m = new Menfor ();

o this & Super:

	the	kugur
Commelar	arment gover spl	parent class (doj
atribute	munt your op	parent class (doj
barter	arment class of	parent class (doj





Newton User 3 don't have any construetor Lyant default User Member no como [defauet 15 has a cons public Number (int rating) } superer; this rating: rating!, V&r 1 param [no defoult constructor] User (id. vame, raking). puesic Mentor (id, name, phone) & super (id, name, puane):

t baron 7 baron 1 baron

public Member (int rating) }

this. rating: rating

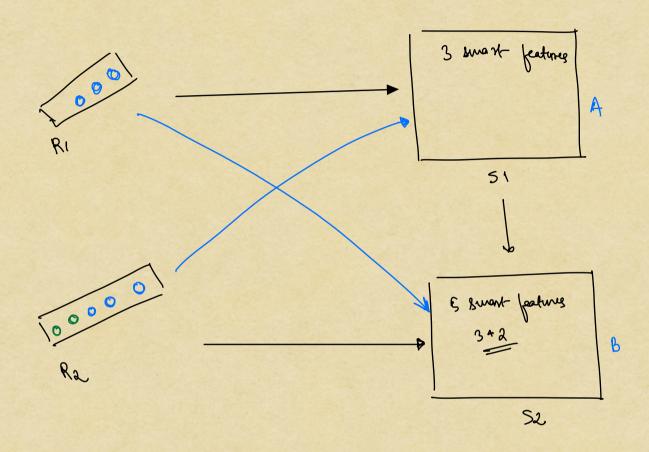
public Mentor (id, name, phone, intrating) &
super (id, name, phone):
tels. rating: rating;

5

4 If your parent class doent have a default constructor, then we will need to pars args for current cons via child class cans. Using super keyword.

- Pory MORPHISM

(A)



R, -s, o A a = new A(1);

=) and the features in the class want be accomished not prove to errors

explicit costing]

R2-S1 => B b = New A(); [downcasting]

a double => Yeg [write wede] | Runtime exception

=) ou the features of the child class wont be accomible
=) prove to errors = highly

-> Method overloading & Method overridding

> Metrod Ourhoading

public void quet (String name) &
South "tei" & name);

guet ();

great (1)

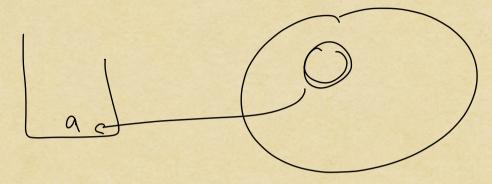
Not possible

great (me):

=> Java identifies methods wing method signatures void greet (String vame) } Just (Stry) great (Put) gret (boolean) 3) Can we have duplicak Wethod signatures in a clans, aus: No ... Can we have duplicak wethod vary & diff parany class, as: 44. - method buenloading

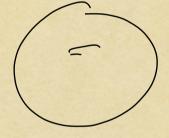
Method overridding

A a = New Ac);



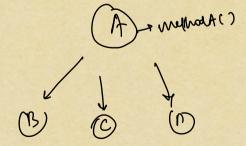
A a: nui.

(a:num)



Tuse case o up casting & this | enque)

overridative



A a : new D():

a. methodAc1: