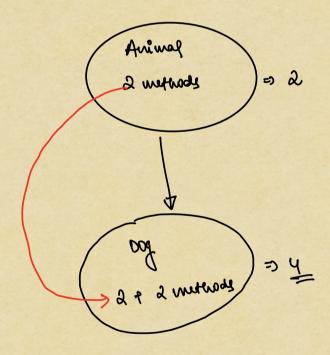
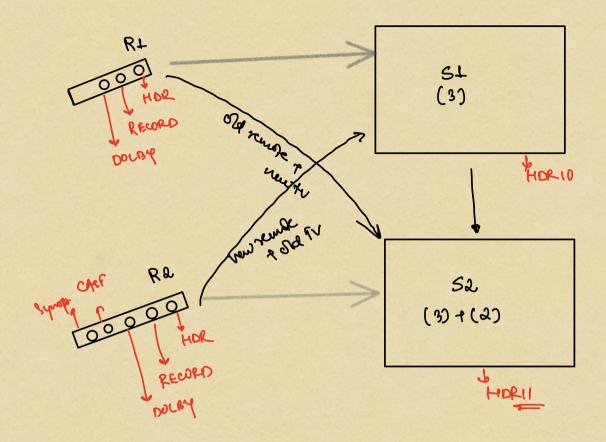
- => Poymorphism
- upcasting
- → dannestry
- => Interfaces
- => Amount class
- 3) Static keyword,
- => Eucapsulation
- 3) Paymorphism



Dog d = vew Dog(); d. mi() d. m2() Avinal a Obj = new Dog(); a opf. Object doby Animall); set varioble Parent child downcasting



=> Old semple of new TV

- " existing func. (buttons on remote) they all work, no problem
- * wont be able to use the new features in the new TV.
- * Features moved execute on nemer 10 or box

Avenuel 3 d

drivel) e

Dog = 3

Dog

Rniggl) =

Overiddweatl) +

Animal a = vew Dogen; tempe

a. eat(): x -> overridden

a. swiff(): >> XX

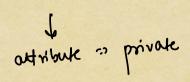
& never remote & old IV.

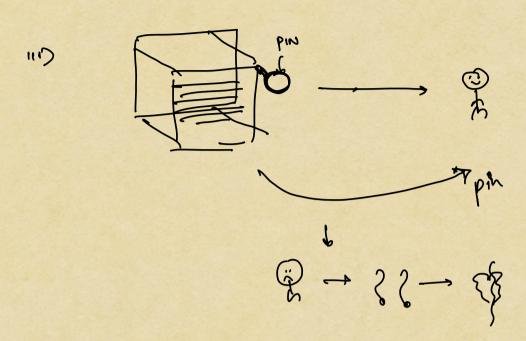
⁻ never sende has extra buttong

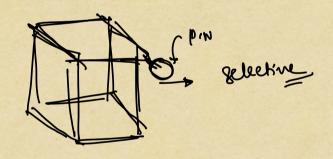
^{-&}gt; those extra buttons are unreliable, and prove to errors, have, it is not advisable to use new sensor with old remote.

=> Emapsulation encapsulate => capsule property and shores the medicine invoke the park - capsule projection - data hiding Sublam object => public

5







- 1) make our outributes private
 11) by para accers to them via getters | setting =

4 Interfaces

- type => Shore

Show Car

Show Stant

wear drive

which

projects

projects

What Hacks & grews array also, linked list interface car & void fantengine(); void Stanfacc) bodoan getiemp (int temp); (nt get Pemp C); Clars Elictric Car implements Car & forced to implement all abstract methods

of class -> dopet o. netwol(). method - abstract o. method() > object creation should not happen wherever we will abstract methods a Interface court have object => multiple inhersteure) => NO. Clark A extends B Implements II, I2, I3 & clark in Jama, extend only I clark
but it can implement many
interfaces

clan A &
rune) &

Puregae 13

pun();

clars b entends A Purplement I }

run() {
20;
}

A a = new BE);

I 1 = new B();

a.run();

i. ~ ~ ();

20

B b = new BC1; b·runcy; no dans A entends b suprements 21, 12 _____

Tun() {

Tun()

=> Abstract clans

clare that can have obstract a concrete or. altributes

of abstract class cant have object