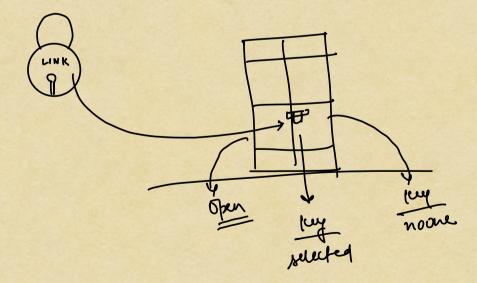
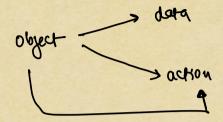


#### · Access modifiers :

acters modifier => something that can modify



#### => Classes and Object:



class

blueprint

or.

cake hin/

cake hin/

cake mould

using this

cake fin/ mould.

I can make as

many cakes as I

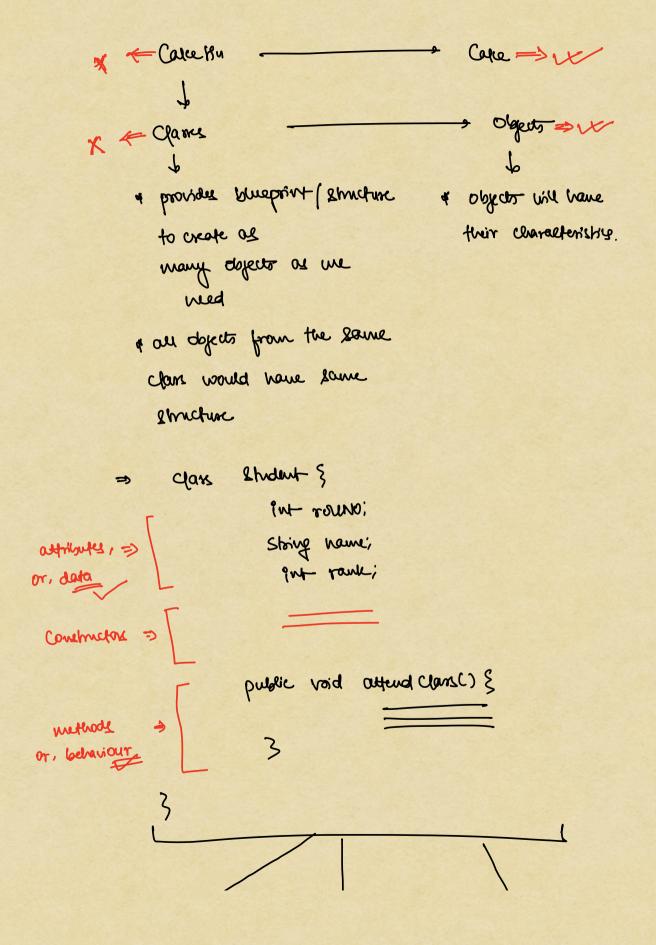
want

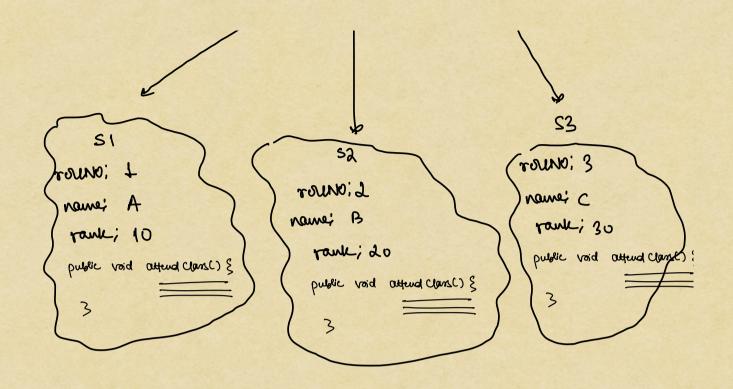


& every carce built from this carether, would have some structure [ size, weight, citamference, diameter]

# Structure might be same but every care can have 9th own characteristics

-> flowour -> toppings design





3 things to accent:
1) data populs -- afficientes

11) court fructore

111) methods

	Acces modifien				(anywhere in code)	
		Class	partiage	(somply)	(diff bra)	world
	public	/	/	/	V (0) 1 43	/
_	private	/	X	X	X	X
	protected	<b>/</b>	<b>/</b>	~	V	X
μ	sent (Package.	/	~	V	X	X

# =) Constructors

class student => object

bywton => Student soly = new student\_();

classiance object = new case to continctor

Name J

keyword

clan shalut {

Put works; => vants = value = v

=) constructor helps to quitialise the data to create object.

( => Default constructor

=> Manual Args | Parameterized constructors

=> Copy constructor

## 3 Default constructor

then while compilation Jana automatically add a constructor => "default constructor".

I natialise all the variables ] with their default values

public Student () { } => default construetor

constructor

12 50.57 9

func further of we call it No trigs constructor

we call it No trigs constructor

## => Manual | Args | Parameterised construetor:

public Shown ( Port sMarky, Port sRow, Shring sname) }

warde = sMarky;

voice = sRow;

voice = sname;

}

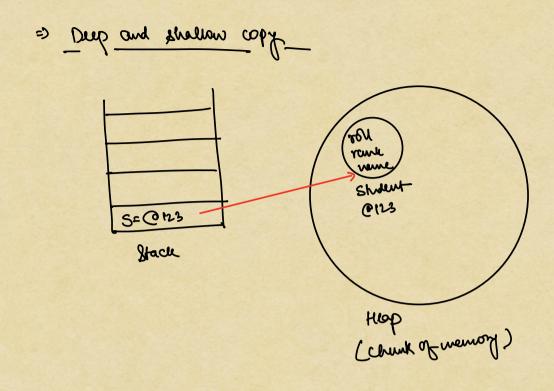
## => Copy constructor:

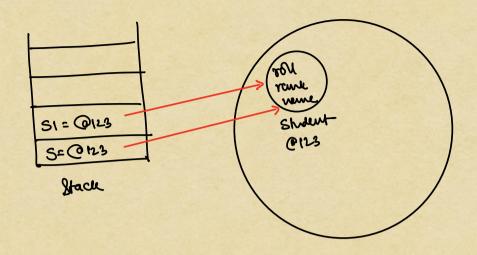
11, 55000, A11, 12MP, Body, screen. i phone =) \*phone => 14, \$5000, A13, \_\_\_\_

Phone :> (10 attributes

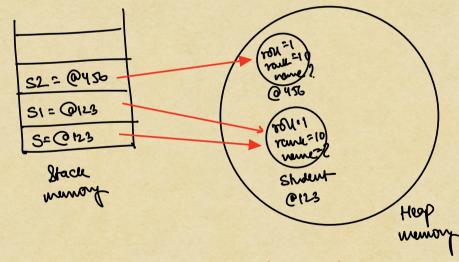
defaut => 10 lines param = 10 values

( i prove 11) Phone 12 )
(Pphone 12)
Ph





Student S = New Student (1, 10, "Durway);
Student S2 = New Student (s); deep copy



Shallow copy - I work sy, varrable

copy is nappenent any for reference variable

not or non option.

The cold is published only for naviable of man option.

The cold of th

. Park boy value 11 Park by pagerance only park by value

Jana is strictly pers by value, but the value it parries the address stored in the ref. variable, I wride the method a shallow coppe happens

E separane : Sobject }

Object Name : Sobject }

Object Name : reference

Object Name : reference

Shodent 5 = new Shodent S=null S=04% S= @123 oddress vom abje

Jana - x

Cee = 
Charbage Collector : automatically

destroy

Object