Abstraction

- Encapsulation
- Enhantance
- Polymorphism

=> Enequiation:

Encapeulate => capsulate => capsule



purpose of the coopsule covering;

- 1) bride the medicines together
- in prokets the medicine from outside em
- III) consumption is early
- N) packaging and transportation is early

now trings

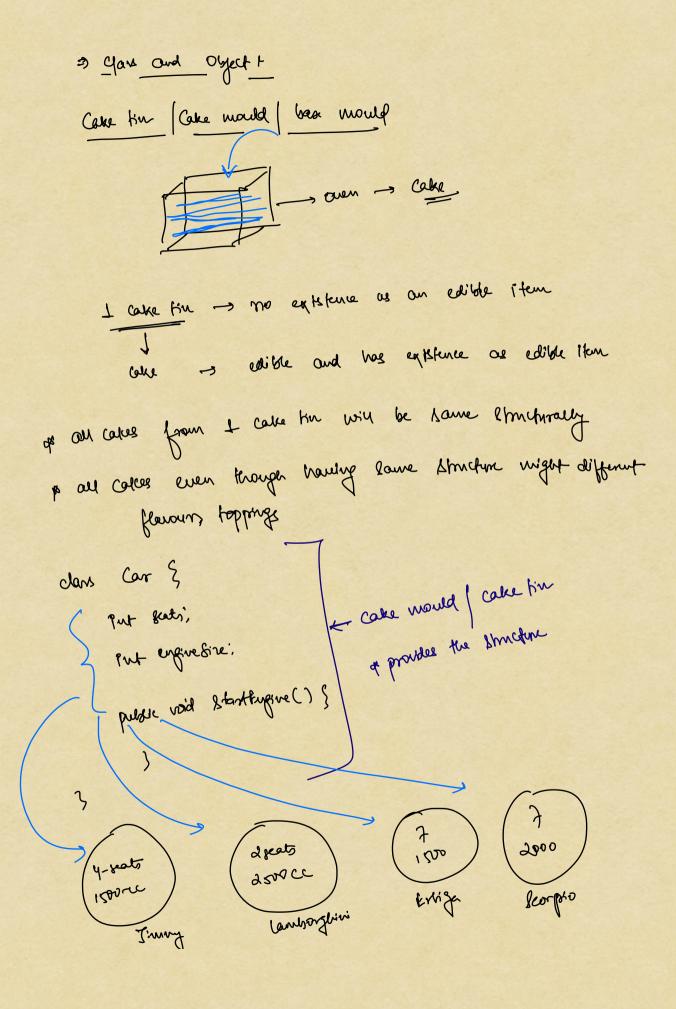
- affiliates - properties

-> methods - behaviours

we need to bound encapsulate attributes & methods for an entity byether:

=) Clars

```
clars Student &
                        String vame;
                      Put marks;
Put rank;
String Rehool Name;
                       String phounds:
                       public bindent() }
                           roid gas folchosts }
                    public void affends before () {
methods
```



- of Au Dyeuts from the same clars will have the same Structure
- of values of the additiontes for each night differ.

Caprile = Osject

[attribute q methods]

class -> mould for capsule

-> thow do you protect the data in your objects -

4 occas mogifiers

- or public
- & porvate
- * proferred
 - or default package private
- -> access modifiers access specifiers:

 they define the access of members of a class from a location outside of a class.

class student & class Teacher &

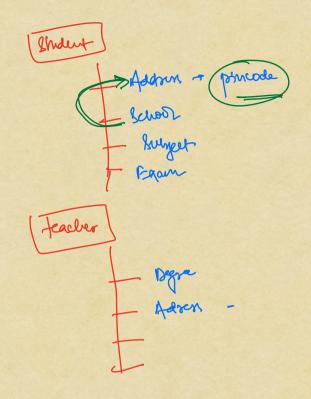
public void gesaloge) &

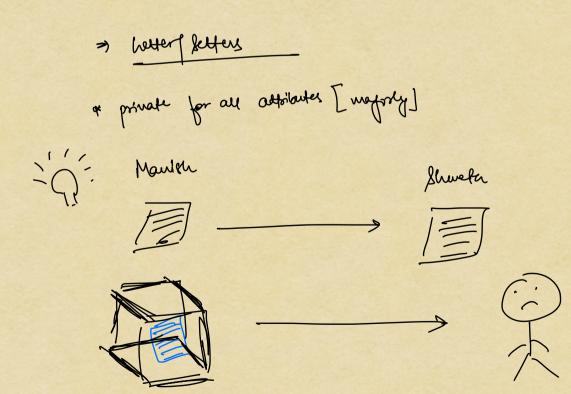
point(salong)

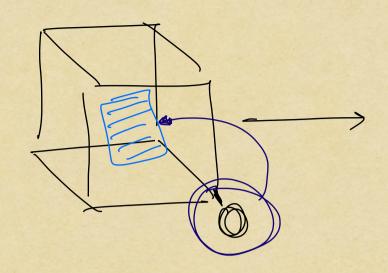
}

different pakage

	inside the class	outside the class but have package	outrile the same pulkage	Outside the same package but Unid	gestand
pudic	~		/		/
private		X	×	×	X
profected		/	×		X
Hugher			X	X	X







i) project the document from others - private

11) provide some way for specific people to access the

document.

Jeag Writing

of Construetor

Encagnilation - obstruction

Jaura

- primitive - int, boolean, chan long, doubte

- sequence - object

- special - string

clans Student &

printing lame; int warty; intrant;

Address oddress;

Z segume Sylect

class Address {

String floor No:

String Katho;

String beildingwame

String sheet:

84my-

Sortunday 8:30 PM