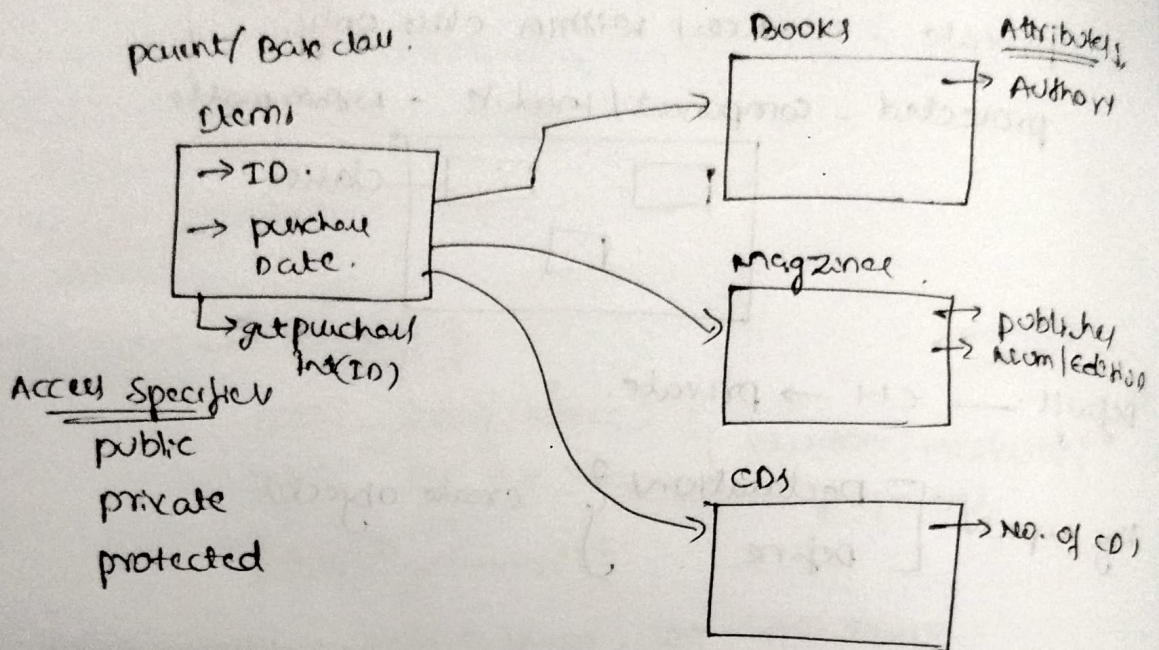


Advance oops

12-09-2025

Inheritance - one class (child) to inherit the properties and behaviour of another class (parent).



public - accessed to all, by all class

private - private variable or methods can be accessed only from the class in which they are declared and defined.

protected - only in derived class.

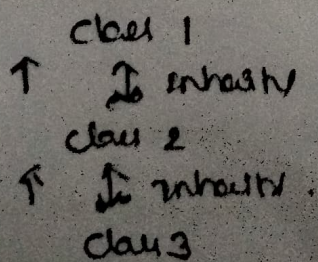
Inheritance and "extends" keyword.

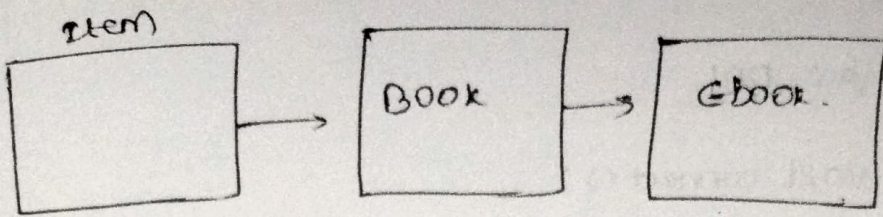
@Override = override the parent class function in child class.

method overloading

same function name with different size of inputs.

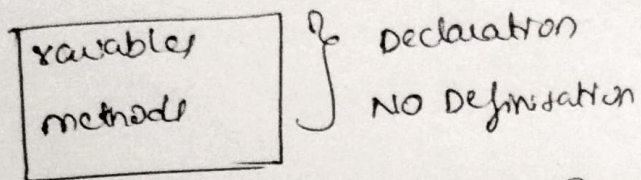
multilevel inheritance



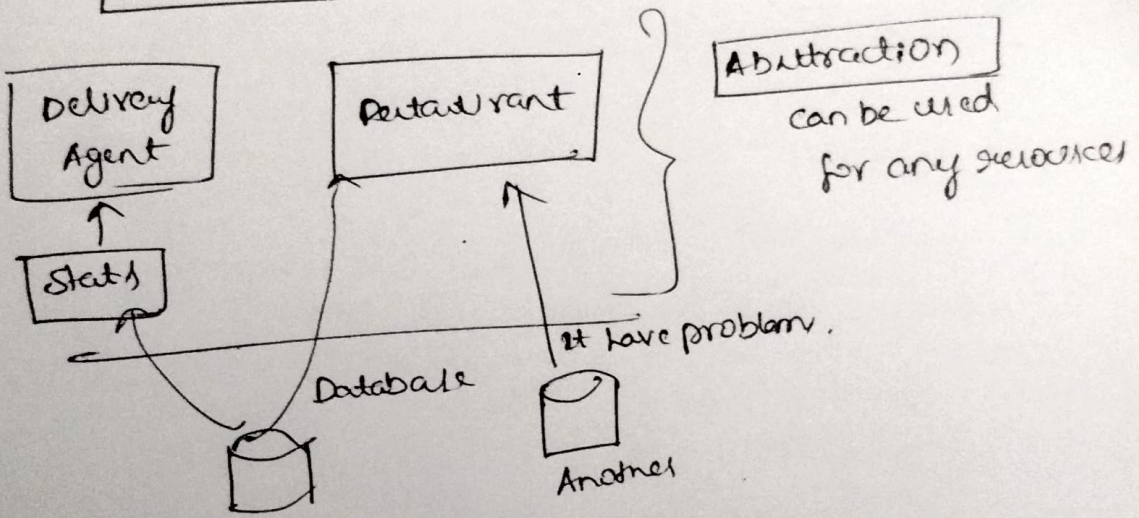


multilevel inheritance,

Abstract



Ex:



Syntax:

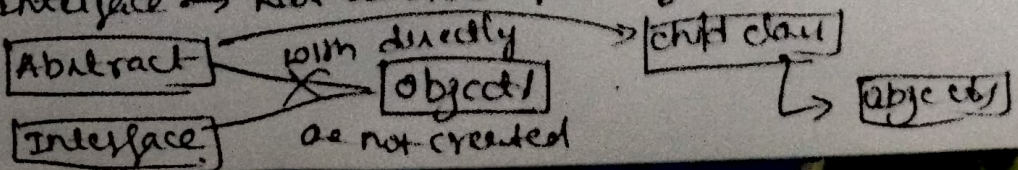
Abstract class

```

{
    private ID;
    public Name;
    void search (string name);
    void printDetail ();
    void printDetail () → Defined.
}

```

interface → not allowed for definition.



interface DAL

{

void connect();

void gettable();

void insert();

inheritance /
by usage
to one he
class

Sqlite extends DAL

{

}

