

OOPS CONCEPT IN REAL LIFE



Share, giving it value

>>Swipe

Inheritance

Mom and daughter

Some properties of mom
inherits by her daughter



Polymorphism

In school
behave like a student

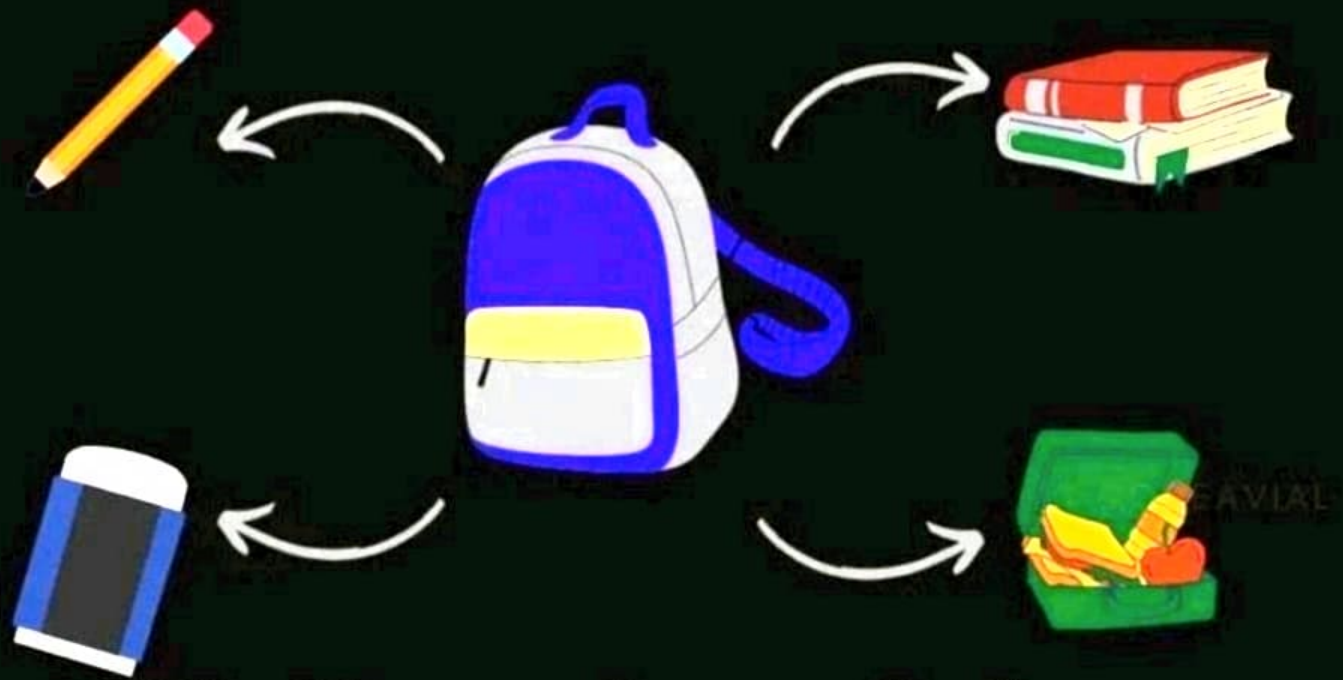
In home
behave like a son



In bus
behave like a
passenger

In shopping mall
behave like a customer

Encapsulation



School bag can keep our book,
pen, erasers, sharpner so on..

Abstraction

ATM machine

Check balance

Withdraw cash

Deposit cash

Print bill



CODEAVIAL

**Even though it performs a lot of actions
it doesn't show us the process**

**It has hidden its process by showing only the main things
like getting inputs and giving the output.**

object
minicooper



Car
class

Color
Weight
Speed
Model

Data members (Attributes)
Common features

startCar()
changeGear()
slowDown()
brake()

method
Common functionalities

Object-oriented programming

- **Object** –Instance of Class
- **Class** –Blue print of Object
- **Encapsulation** –Protecting our Data
- **Polymorphism** –Different behaviors at different instances
- **Abstraction** –Hiding our irrelevant Data
- **Inheritance** –One property of object is acquiring to another property of object