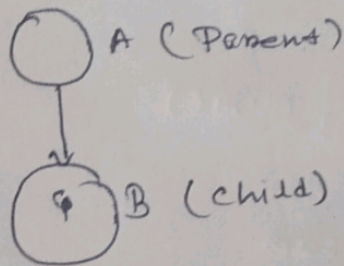
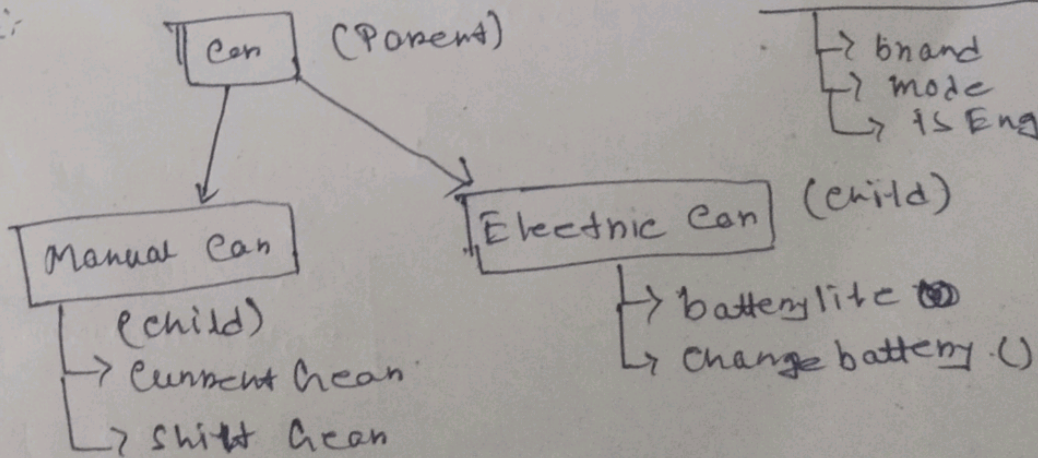


## DAY:- 3:- Inheritance & Polymorphism:-

### Inheritance



### Example:-



### Characteristics

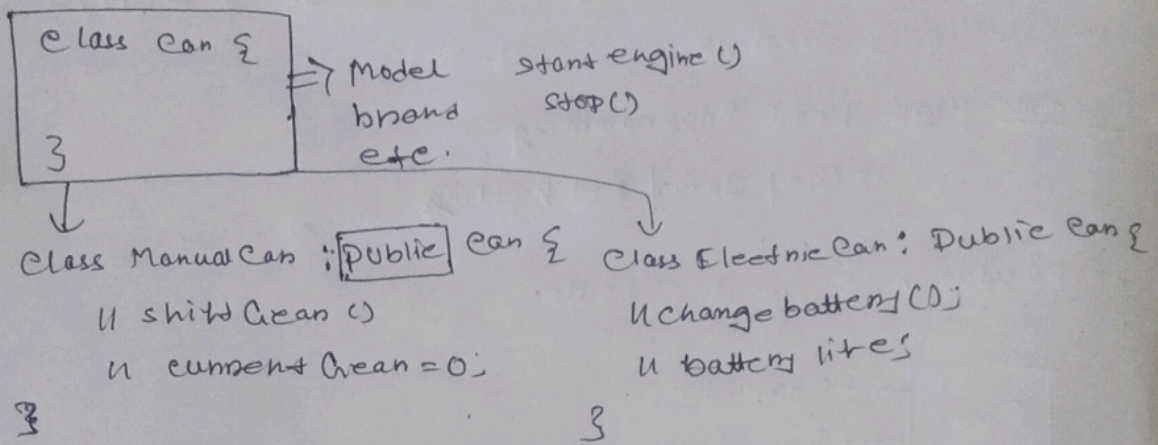
- brand
- mode
- is Engine On

- start
- accel
- break

P.T.O.



• Wh  
→



Ex • Class ManualCan : **Public** Can

- Private
- Protected

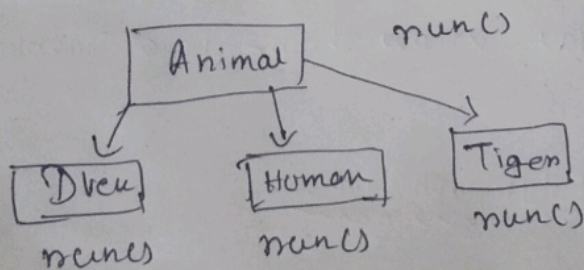
Access Moditich.

- Public ✓
- Private ✓
- **Protected**

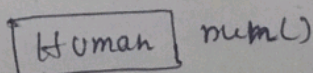
→ Can use the methods @ variable the child classes but not others.

## ■ Poly morphisam:-

Case :- 1



Case :- 2



Poly Monphisam  
↓ many Forms

**Poly Monphisam**

**Dynamic Polymorphisam**

→ Method Overriding

**Static Polymorphisam**

Method Overloading.