opening accounts $\longrightarrow$ processing payments

Account
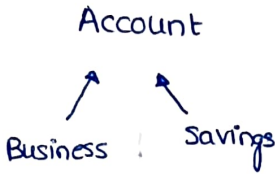
Business   Savings

open Account
Account Getter
{

    open Accnt (Bussiness)

}

As of now the code will look like below

if (business)
    open business

elseif (savings acount)

[check permission KYC
  Funds Balance] code

Suddenly if a new account adds we
need to do changes in every thing code

How to Make It Easy To Update?

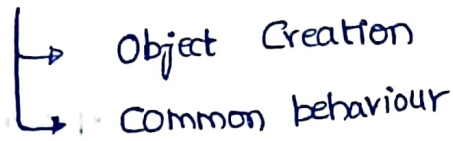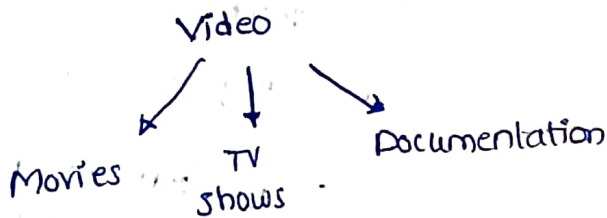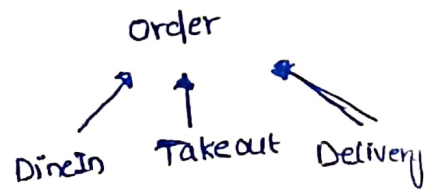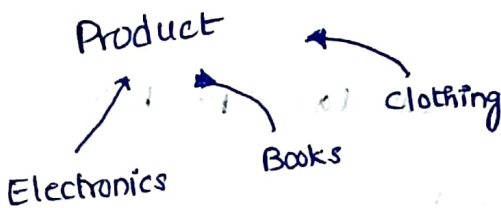$\longrightarrow$ keeping The If Else in

Creating Accounts
{
____
}

But, It Violets SOLID Principals, So We Use Design
Patterns.

Creational Design Patterns:

① Factory Design Pattern

      ⮡ Object Creation
      ⮡ Common behaviour

Abstract creation process and encapsulate it into a Factory.

Product ← clothing

↗ Electronics

↗ Books

Order

↗ DineIn   ↑ Takeout   Delivery

Video

↙ Movies   ↓ TV shows   → Documentation

- Simple Factory Design
- Factory Method Design
- Abstract Factory Design

Do check Code !!