### MODULE 1:

# PRICESS MODEL

505 tware:

computer perogram and associated documentation softwere encompanies:

- 1) Instruction (computer pargyams)
- 2) Data structures => enable the program do adequately
- 3) Downentation => describes operation and we of program

Software products & labour wasoned manufact = Generic peroduct: Stand- alone system that are marketed and sold to any unitomes

Eg: DS, PC software

customized product: rold only to specific customes. madilional model with a

software cost:

software engineering is concorned with cost effective sightware development.

Attoributes of Gwood Software:

=> should deliver the required functionality and performance to the user and should be maintain ab 4, dependable and usable.



Software Engineering:

Software engineering is an engineering discipline that is concerned with all discipline that is concerned with all aspects of software production aspects of software production aspects of software production aspects of software production.

Attributes:

Maintainabluty, Dependability, Security, Efficiency Acceptability

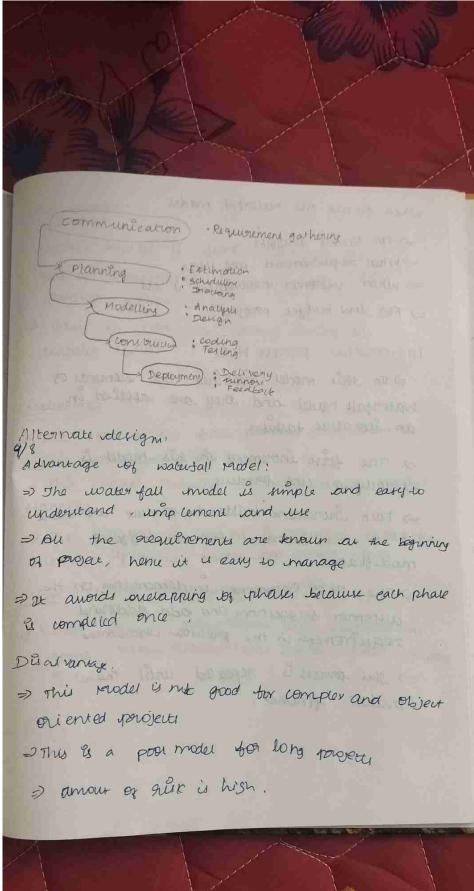
Process Model

- > An abstract representation of process.
- -> Software process Model Es also called as Software development life uple.

Different perceptive priocess model.

is the Waterfall Modal

- ⇒ Inaditional Model
- => only for small pariject
- => The water-tall is also called as Linear sequential smodel.







when to me the natertal madel

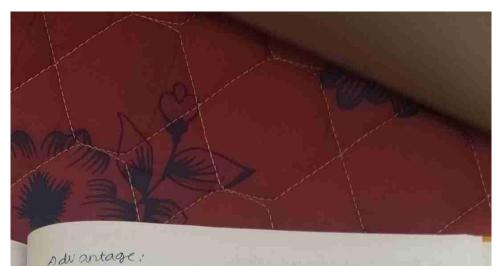
- =) FOR Amall projects
- -> When requirements are clear
- => when uistomen involvement is less
- =) FOR LOW budget project.

# Invenental pricess Model

- =) In this model combines the elements of waterfall model and they are capplied in an iterative fashion
- => The first increment in this model is generally a core peroduct.
- => Each Inviement builds the product and submit

  it to the customer too any suggested

  modification
- The next intrement unplementation on the customer suggestions and add additional requirement in the premous uncrement
- => This pavoless is repeated until the produce finished.



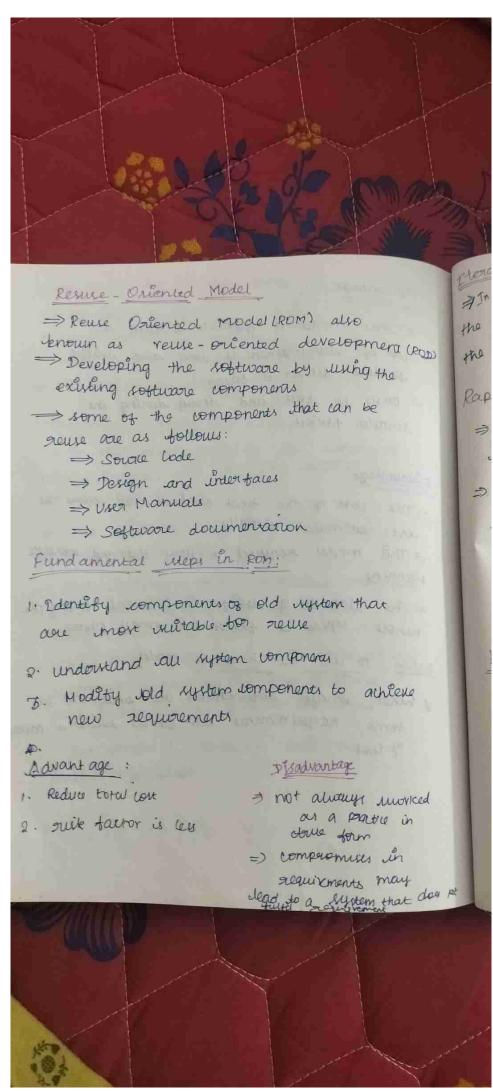
- a) This model & flex lble because the Lost of development is low and initial product deliver is taster
- a Easy to test and debug during the smaller thojeu

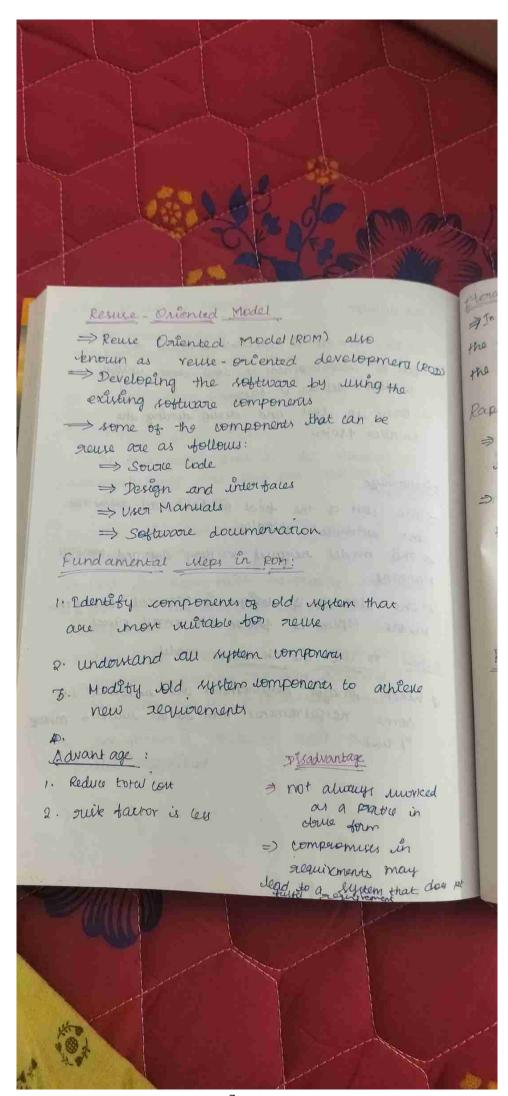
# Disadvantage

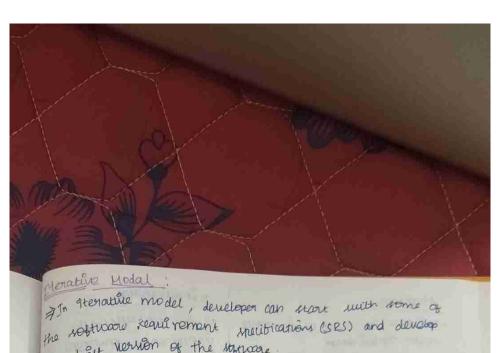
- of the work of the final paradult may caross the cost estimated unitially
- > This model sequires a very clear and complete planning
- =) The planning of delign is required before the unale system is broken into small pieces

when to use the in crement model

of when major requirements one understood but some requirements can evolve within a passage of line







the front werkin of the styticase.

Rapid Application developmental model

- ⇒ using kAD model, software peroduct is developed is a whort period of dime

Phares

- hases >> Business Modelling
- =) Data Modeling
- ≥ Paoley modeling
- =) Application modeling

# Protype

This model requires that before coverying out the development of actual software, a marking pouch type of the system should be bit

Stens:

- & Requirement gathering and analyn
- A QUICK devicinion
- & Build a prototype

  - A Allermens or uso Evaluation.

    4 Prototype Retirement & Engineer Paradust

