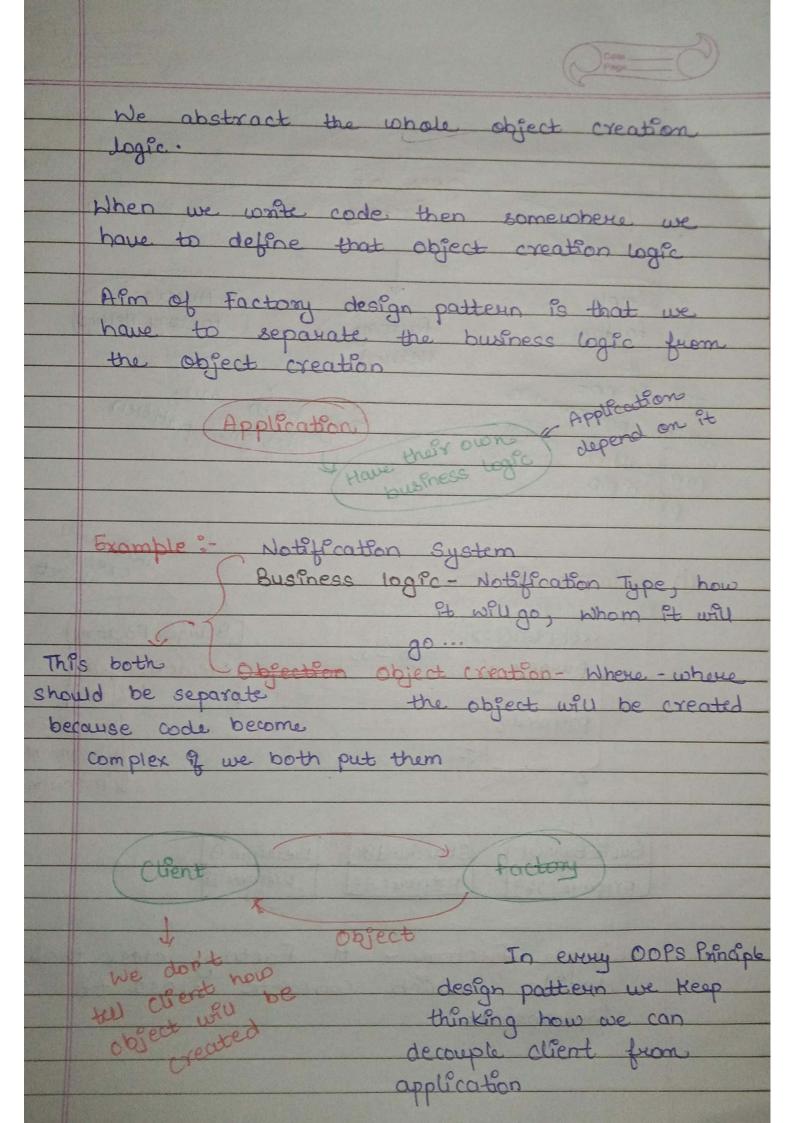
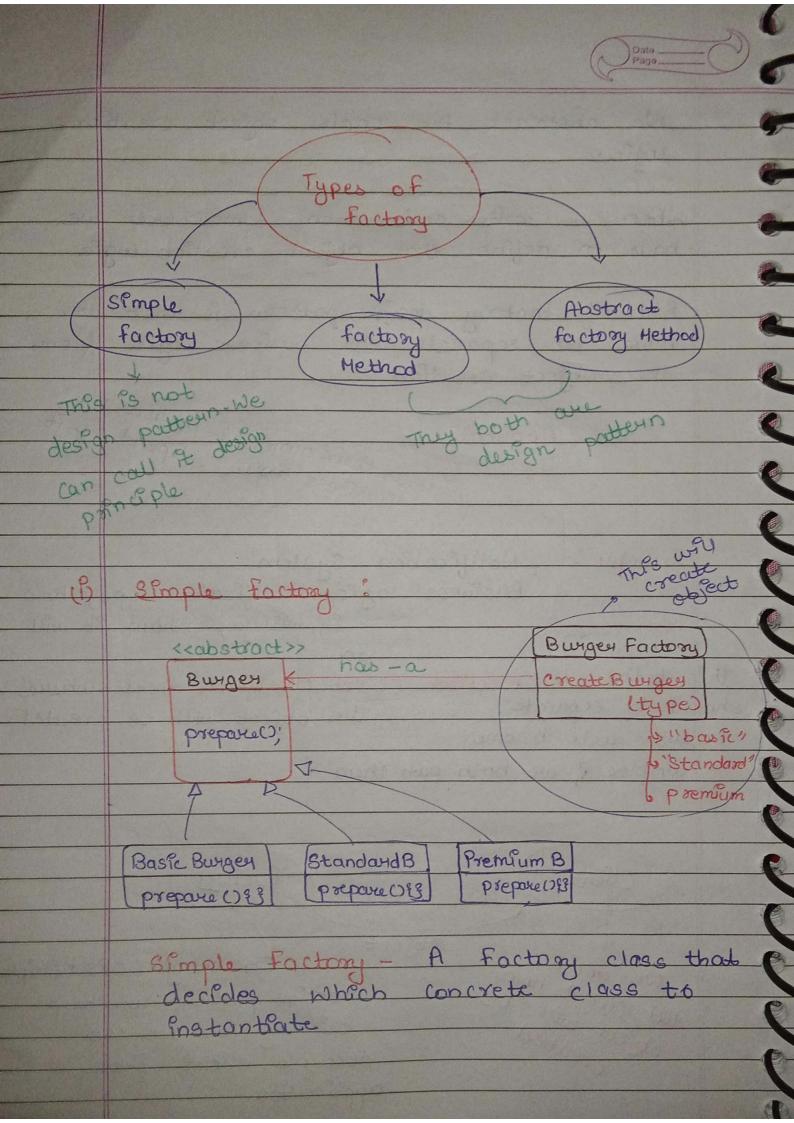
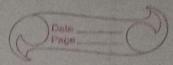
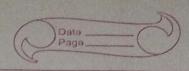
22-05-2025 Factory Design Pattern Truncalors * Factory Design Pattern In real world factory make as product Factory is a class from where we get In last lecture une studied Strategy Design Pattern dependent p dependencies Talkable | Walkable | talk () Robot talkable til talk () {3 Multiple strategies They called the method algorithm dynamically In Strategic Design pattern we assume that the talkable how one object ti then he call talk () method and call totalk In strategie design pattern de assume that the talkable, walkable functionally has already created object. We only Call oxpated method. (t = new Normaltalk O) This is already created







die Standard UML Dragram for semple Factory << abstract>> Product Factory has - a Concrete Prod.) Factory Method <abstract>> Bungen Burger factory createBurger(): prepareu; King Burge Shahburger Bastc Standard Premium realeburge Create Burger Burger BUHAM BUYGEY ртеране preparto prepare 65°€3 Premium wheat Basic Wheat Standard Wheat Burger Burgary BUHGET prepare () backons () Preparel



In Abstract we create the Burgers factory as an abstract and then create two class like SinghBurgers and KingBurgers

It depend which Burger factory we call whether it is singh or King and then they call their subsequent types

Standard UM1: Factory Method

(abstract)

Product

Factory

Concrete ProdA Concrete

ProdB

Concrete factory

Defination of factory Method:

Defines an

Potenface for creating objects but allows
subclasses to decide which chas to

Postan Bate.

Provides an interface for creating families of red reade related objects without specifying their concrete classes. (iii) Abstract factory Hethod: That factory which make is verponsible for making more than one object Kabstroct>> ex abstract >7 Factory Burger Garlic Bread prepare O' Prepare (); King Singh Basic Basic Bousi C Create BO Create BU Buygos Wheat Garlic. Create GBO Create GBO: Burger Burger . Prepareco Basic Wheat preparel preparecy Gardic preparel) Standard UML Dragram Product A Factory get Prod A() get ProdB() Product B Concrete factory get Bood A() Concrete ProdB K get Prod B()