Perign latterny Behaviore Structural Creational Ly Comand Responsibility La Adapter La Single ton L, factory Li Herafor L) Decorator L) Abstract Factory) Prototype Greatoral PP: These are consorned with the say of meating Objects. These dos are used the time of instantiation of a clair. Structural TP: There concern clarses and abject composition.

Concept of interitance is used to composit

interfaces and define ways to compose objects

to obtain New furctionalities. with communication 6/w Behivioral DP! These concern objects. gre concorned with presentation ther. JEE DP: These

Decenter Pallan! Pil Benja -Kad just adlach ? (Wrapper) flexible additional suspensibility to extend functionality of an object of inheritance.

So foreather flowibility - Kan Static inheritance. and object dynamically. Is when you want to add suspensibility to an object that formay want to use in facture. Is extending functionity is not prantical. (Diant) uses food (Linderfood): String

Lipublic class > implements implements exabstrat class>)

Ver Good regfood

food Recoration

from Food: Food

food: Food

price() 15 class>> ((class>) prepare food () } / Chinese food NonVeg Food return super. prepanefood!) + prepare food(): + price (): + chinese food (newfood) of Proposition d()! I with rice and mancharian" food f1 = new Workgfood (food) rew Vegfood()). Food \$2 = new chinestood (Food) new vegfwood!),

veg food with rise and manehunian

farade lattorn: It says that "just provide an unfied and pimplied interface to a Set of interface in a stabsystem, therefore, it hides the complaxity of the subsystem from the dient. Loor of describes a higher Lovel Interface that
makes the subsystem to use.

Lo Backielly, every Abstract factoring is a type of Facade. L. It hides the dient's from the complainty of subsystem ecinterfore>>> [Mobile Shop Fmodel NO() + price() trains! voic Blackber Thone 8hop kapon + price(). April 17: 1000 Kappy - black herry! + Stop laper ()

(1) Command Pallows, Allows, School of Report States II pays -18nt "encapsulate a request ender or about as a command and part it to the irrelation collect. Pavelon Object Dooler for the appropriate offset marking can handke the command and pass the correct to to the correct fordig object and that offset execute the command. Lo III required the object that water the governor of som the opporter. Le made easy do add new command as sisting Daces
remain unchanged.

**Command Interface>>

**Command Interface>>

**Command **

**Trocument |

**Trocument | 1 gave () +gave() wests ActionSave Action Open - dor : Format -doc! Mocument + ActionOpen (doc) et Action Swe (tloc) execute () Kalones of a Command Class >> ex concrete Command (Dars) Trans Options Command follows Climit .. - open Command : Action Listory Command months would - save Command: Action history of Command - click Open(): void ot chicksave (): void or Many Options (Arthurbish Command and, Activilize bonford and) 15 Involves (Dars >)