	Date Page
(2)	Static Manager A- Lord 15000 0000 - Aldreworth (1
a)	A static variable belongs to the entire class, not just to a specific
	I Single copy of ver exceled and shored among all obj of the class. Internory allocation only happens once.
Ь	) Syntax -> private stehic floor delivery Charge = 1.5%
	Static Block - static? when multiple
( 50	y var are used.
6	Since static var shered by whole class they are not colled by obj name but by classname.
10.	System. out. printle ("Ocharge = " + customers. delireych
Ro	povie anule price;
	cutomer = ; e class name.
	Getter & Setter are also static functions which changing value of slatic variables. (This, not used, lustomers sused)
d	Good example shown
	on Uses "weed-a" polehoung.
13)	F-00-0
d	objs which don't interact with objs of other classes.
	obje which don't interact with obje of other classes.
(0	A Inheritance, Aggregation & Association.

Also colled Hos-a relationship. 6) Aggregation -Employee class & Dept Jess in a company.

Dept Has-a employee as manages. library was & book class - 1 Lib hosa books of public class Order of private 9nt order Id; private food Orderedfoods; private double totalfrie; private string status; public Order (Int Order Id, food ordered Rood) this . order Id a Order Id; this, ordered foods = ordered toods; this . status = 'ordered'; public class food & used as a private String toodName; private int quantity; private double price; dutetype in private bring laisine; order. (19) Anocation. or Uses 'wes-a' relationship. man user-a car so reach the office. Patient was - a appointment to meet doctor. Teacher uses-a stick to --generateBill method was order obj Christonie of order access & display order details.

of all coastructors ance Constructor chaining (B) Inheritance Only sletices sletic overload conepper. a). Three levels in Hotel Reguler Prenium Premium Phis quest. class that all of the customer we make a common derels inherit. Guest -> customer + extra delinery Regular -> Customer Premiero -> Reguler + benefits Premium plus -> (Premium) e extra benefits 15-a' reletionship followed -> 80, Premium 18-al -> Dog 'is a / animal. -> Class enstomer & Y sured for Enhanting.

Class Regular entends Contomers & parent constructor collect before the child constructor. () - Super () as used to execute child forstputtor before regular (heeded in extent exect). for defruly Used to give values to parent class van const which need parameters. pasent. on child super ( cust Id, cust Name) MOR) to coll overridden superclass (pascate class).

ALTERNA	Page O
(8)	Types of Inheritance -> Osingle, multiple, Multiple, Mierarchica
N He	
	Multiple inheritance (meny to one) not supposted by Java,
(6)	Polynosphlom.
a	Bank wons - different rates for diff austoness
	different types.
The state of the s	2 types dynamic.  Static. (compile time).
c) =0	Method overloading -> multiple methods with same
	signature changed.
A	3 signeture can differ by o_
I COLVE	1) No: of parameters
	in) date types of "
	Construct
	Constructor overloading in also possible.
	· (anothers, bithus) mando
	- La vo rossy) was some was book of GOM



b) wropper class

d)	for dynamic Polymosphism.
	for dynamic Polymosphism.  s Method overidding is used.  At surtime.
	nut se sant.
art rodes	a Also to overside, acres modifier should be ersonge
3 200 1 20 2000 1 20	9.e Foreg: - poirate clesses/methods connot be overidden
	a Static melhode cennot se oversidden.
ar y la El manar a de devenues e sua	a See more enamples for classify.  Dynamic Bindin
	The state of the s
<b>(</b> )	Annotations & Super (Optinel).
	@ overvide -> annotation wed to make code more seedeble by gara ? trely.
	many types of diff annotations in java.

Sandina

grantles dete types are