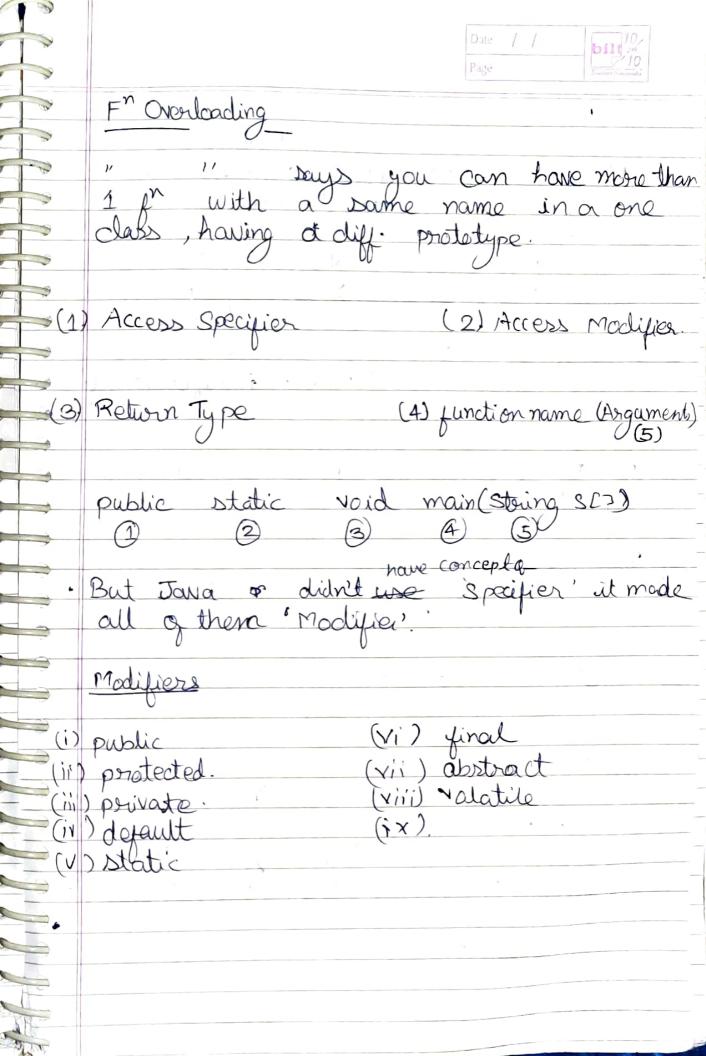


RULE 1. Polymorphism is always achived via behaviour of an object. 2. Properties of an object don't play reloine ase of Polymorphism. 23/00/2017 Two types of Palymarphism. Compile time Run timo Compile time Polymorphism
Whenever an object is bound with their
Mality at compile time, this is known polymosphis but object is not available at C.T. Runtine Polymarphism Whenever an object is bound with their prality at Rin time.

For COPS Compile Time Runtime F"Overviding. >Fn Overloading. → Operator Overloading Changes made by Java. (i) Java doesn't support operator overloadi-ng explicitly. But Supports implicitly. retymorphis "good" + "moorning" = "good moorning" overlanded. RULE · Jova doesn't support compiletime ply-In Java made in En Ovorloading' case I bin-ding occurs in Runtime polymorphis'. In other tang. There are virtual fr.

	Date / /	6
	Page , July 10 Am Intel Now South	6
V	In a Java by default, all the instance from are implicit virtual.	
•	But in Static in, the binding harrow	
	In Compile I'ma Conh care a UC. 7 m John	
	But binding is to class' not object. The Static in only	
	present in Java. So, its not a Concept of Oops. "(conceptor sedic).	•
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	Method Invocation	
,	The Java proging lang provides two basic methods	
	Instance: - Class (or Static)	
1.	Instance methods use dynamic (late) binding; Class method use static	
	(Rarly) binding.	
3.	The JVM uses 2 diff. Methods	
	instruct to invoke these 2 diff.	
[1	kinds of Methods.	
(11)	invokestatic for instance methods.	
	U	
		13



Date Page RULE don't play Modifiers any role in care 1) Acress public void show() & Nat Private 1' showl) ⇒ e, . show Lowill not differentiate Fr Name can't be changed for **6** Achiving Fn Ovelo ading by change in 1. Change the No. of arguments in: a Void · Show () You'd show (int x) " (into inty) ? Sher (10) " (", "U, chare) 3 26/06/17 If you want to keep the no on arguments in each in same, I still want to overload them, Then change the data type of their arguments void show (byteb) you'd show (short s) > vaid show (int =) MOW (20) word Show (Jong () Now woid show (int x, long L) & without Void show Clong L, intx) arediff (1) show (30, 100 = (1) (2) Show (10L, 10)-1(ii) show (50,10) - Compilationess errogs becog of exact mater to both for nence gives ambiguity CALACON.

Achiving a Fr Overloading by changing only in Return Type Void show (int x) Show (intx) neturn x; Not Mendetery to catch the rieturn. Drow (10); int show (int so) geturn sc; compilers search of only on name in A arguments . Nat not not notion

Page int = Shew(so)

or

Shew(so)

will both feet give except Youd Show (mt sc) (i) Voyd Dhow(int x) show (Acc) (i.) int show (chara) roturnzo RULE Return Type of phs don't stay any note in case of a brevloading.

Frow loading com only be achined by change only in Argument.

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