Object Oriented Lang Procedural Lang. Uses object & classes · Uses Procedural & for boto -> encapsulated · Data is separated within objects from for · Support inhuitance, making Code reun 15 porably reun easy but not as structured . Doto security (10 Java, C++, Pthon, Kotlin, · C, posca, Swift, C# Ours int, chan, doubly # Usin defined data type Ston dota efficiently Public Static Class Students Cresto a det Type String nam; No men my stocation 14 moj double pur cet;

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7 Chi Stair void main (String [) angres) Student = new Student (); I declaration D. nom = " ALW": 10, rno = 76!

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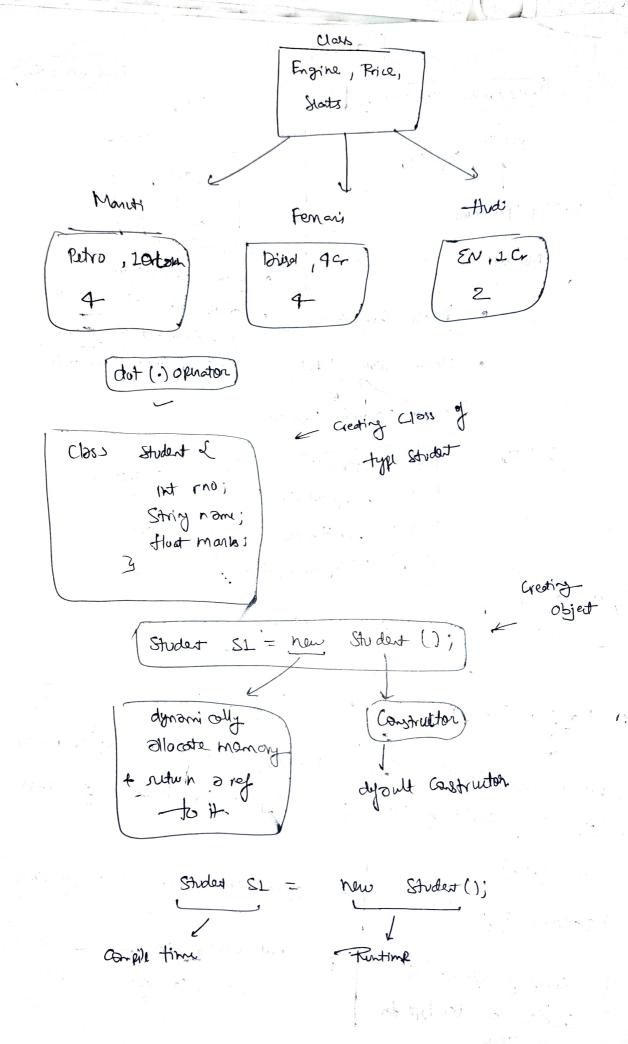
1) Public - all Packagus

2) Private - Samue class

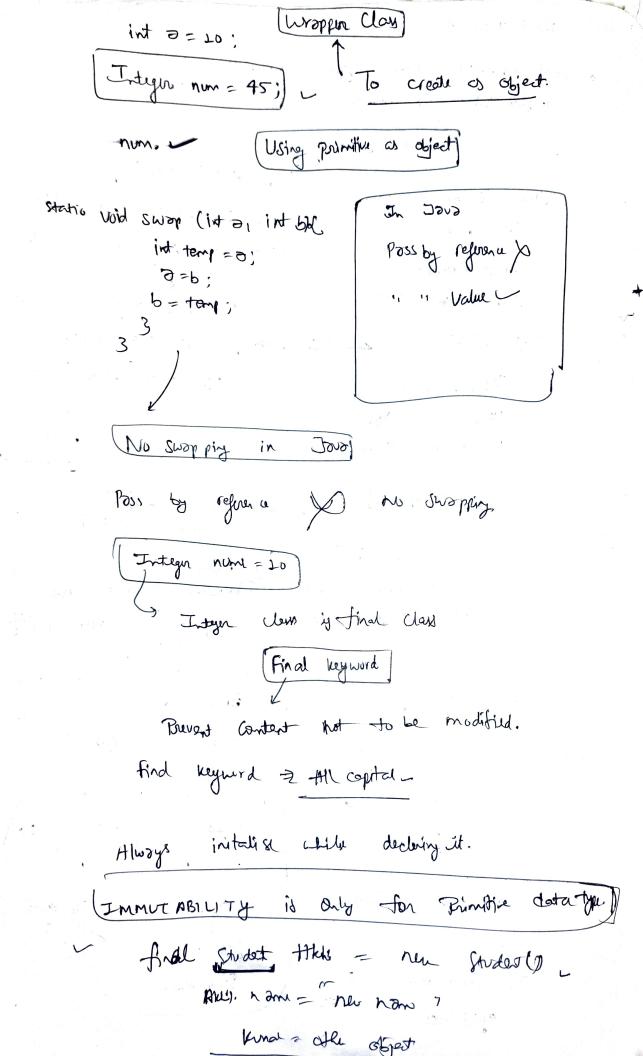
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Procedural programmes (OORs)
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mitting Procedure procedure procedure Procedure Procedure Foster to execute
More Dosanize . Birding doto & fen preventing unauthorized access from ohn part of the code.
Don't Report Yourself?
4 Pillins (2) Abstraction (3) Encapsulation (4) Polymorphism (6) Group of properties (6) Group of properties (6) Classes & Objects
closs object
1 Logical Construct 1 Physical Entity 1 Memory allocated when dis is created
(2) Class is templet of object (2) Object is instance of class
3 Declared only once 3 Declared only once
(3) Group of Similar objects (3) Rud hurid catiff— Busk, can etc
you

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(Constructors)	
, Committee of the comm	To initalis projects
Clark Scholard	Special mother and to inflatize
ist rno;	special mithous an created
String nome;	object when they are crested.
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Student () of Cons	truction object is instantiated
#lis-9n0 = 131	HEN STALL WON'T
this. Nom = "Alchi"	;
this. marks = 88.55	Keyhord
Student (int rold, Strig	now, floct manly) { Cough wills Motheds
this .rno = roll;	
this nam = nams	1) Nome 2) Returnlypu > Muy ha
this many = manus	3 Invocation allo en plintly
3	adantidi new
(Code Ronning)	* Rurfort
0	int 9= 10
1 Clark	DOD Pythan
3	3=10 3=10
y	
2 Void main)	Only As object
To make more	
officience	Stack Marion



What to do when object is distroyed. object dustray 20 Protested vid finalize ()

Sour ("Objet is despreyed") @ Override Pockages, Static, Singleton Class, In-built Mathods Containers from classers I can si use without creating ? public static und non (stimo) Static uid south Static Multhod con Only occess to Natatic data. Not Static -> Balon to object) static & Sys. orp (" Z om in state bluck") b. 005) 3

distrutor