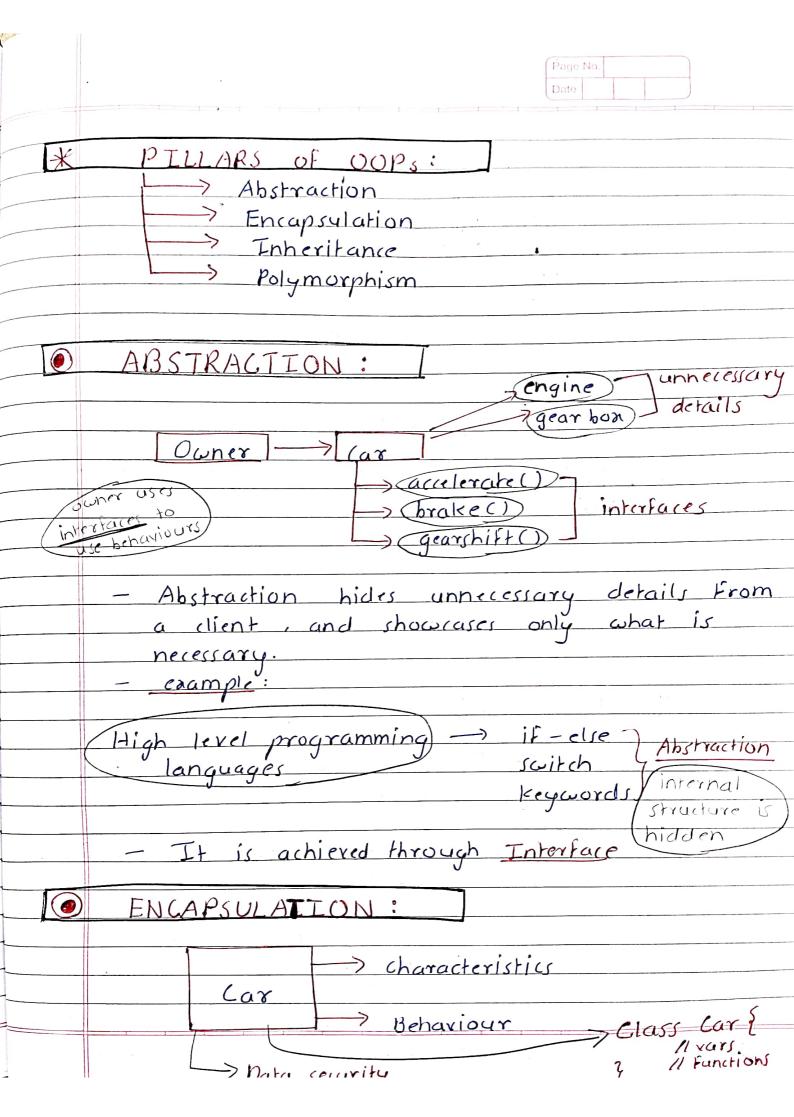


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	Date
	- Not suitable for enterprise level
	complex applications.
	Canalana Instance
	© 00' Programming:
	- Limitations of procedural programs:
The year of the	Real world modelling
	• Data security ~ • Highly scalable & reusable applns. ~
	Highly statable & stasable approximation
	- OOPs solved all these limitations.
	'samment same() (9)
	17 Real world modelling:
	- Bringing real world objects and relations
	in the applications
	a summer of a made
	Objects (=> Interactions)
	Behaviours
	- For ex:
	> (ar) characteristics Behaviours
	-> engine -> start ()
	-> Brand -> stop ()
	[Owns] -> model -> gearshift(
	L) wheels La break()
	1
	Owner 1
	Car caring lumber 1
1 .8	String name: void drive();
1 14	3 YOLD drive();
>	Toplementing chave this
	complex and not scalable in procedural prog.
	processing.



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	· Abstraction => pata hiding
	engine Junnecessary gearbon details
	Car details
	> speed (we can't
	Odometer Salter these
4	- Hence, Encapsulation does:
	Binding characteristics & behaviours in single unit:
	class car {
-	// variable
*	3 // methods
	ii) Para security: through Access modifiers
1 2 1 20	- Access modifiers in java:
	- Access modifiers in java: - public -private -protected - default.
	- It says not all the characteristics are
	accessible to everyone.
	- It also includes the concept of:
	getters & setters
	to access the private members indirectly.
	which gives us the control over the variables
	to access the private members indirectly. which gives us the control over the variables of class through validations or pre-update checks.