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	Date
1	procedinal:
	- specifies a series of well-structured
	and steps and procedures to compose a
	program.
	- contains a systematic order of statements
	functions & commands to complète a tark.
	The same of the second
2)	
4	- writing program only in pure functions
	i.e., never modify variables but only create
	new ones as an output
	- used in a situation where we have to
	perform 10ts of different operations on the
	some set of date like ml.
3)	object onented:
	- Revolves amound objects.
	- combination (code + nata) - object.
	{instance of a closs - object inco }
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	- Developed to make it easierto develop,
	debug, reuse and maintain softwere.
*	The state of the of the state o
	Anree type -> py+non".
	" 7
7	"Java, (++ -) procedural + object oriented".
%	"C - beoce grander".

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3	& static language Dynamic language	
	1) perform type checking at -perform data type	
	compile time checking at run time	e .
2	2) At complie time program - At runtime program	
	is converted to machine code actually runs & it co	me
	after compile time.	,
<u>3</u>	3) Error will show at compiletime - From might not sh	00
	need to-) •
	4] - periame datatype before - no need to decion	ve
	use dota type of variate	ne.
5	5) more control - save time in writing	z cecle
	but might give emor at	<u>-</u>
	runtime.	
4	Memory management:	
	- There are 2 types of memory stack and beap.	
	- when we decrare a variable then the refere	nce
	variable is stored in stack memory points to the	le_
	object of that variable stored in heap memory.	
	e.g. a = 10, a = reference variable	
	10 = object of refor variable	
	la is stored in stack memory voriable aways	1000
	10 is stored in heap memory } [points to its obje	·ct
	Imp points:	
1	- more than one ref remable can points to same	object
	- I fany changes made to the object of any referen	
	variable that will be reflected to all others variable	*
	Pointing to some object.	
	- If there is an object without variable then object	d
	will be destroyed by " Gramage collection".	