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INTRODUCTION TO PROGRA Programming is a way to instruct the computer to perform various task. Programming language is a computer language used by programmers to communicate with computers Ence will one words error main and the strew of Instructing computers in Binary i.e o and I grenvery difficult so to solve this issue we have programming language 13 3941shot contitue di smill savas TYPES OF PROGRAMMING LANGUAGES Memory Management FUNCTIONAL OBJECT - ORIENTED PROCEDURAL It has 2 types of memory Stack and Heap Procedural -· Specifies a series of well structured steps and procedures to compose a program · contains a systemic order of statements function and commands to complete a task. Functional -· Writing a program only in functions re never modify variables but only create new ones as an output used in a situation where we have to perform lots of different operations on same set of data. Object + Oriented+ Stade Resolves around objects · Code + Data = objects

· Developed no make it easier to develop , debug,

reuse and maintain

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•	Java follows both procedural and object oriented				
	both types.				
	regulation is a wip to instruct the removier				
	STATIC	DYNAMIC.			
Ь	Perform type checking at	Perform type checking			
	compiler time !! I moi !!!	at runtiment			
	Error will show at compile	Emor might not show till			
Y	estimeso than Oni y mais ai	programmin			
0	Declare data type before use	No need to declare data-			
		-type of variables			
	More Control	Saves time in writting code			
	ES OF PROGRAMMING	But might give emorat			
	LAMERIAGES	runtime.			
Memory Management					
It has 2 types of memory Stack and Heap					
	for eg:				
	pour sables parte de la seules de salitées et la salitée de la salitée d				
	procedures to compost a program				
aginal state fremences reprobjectives à saintains.					
Variables Halaman of abanamon bas					
	- Ipnoinnal				
Reference variable risported nin Stack, printil.					
Object of the ference variable stored in the ap. an					
		3119-1110			
mo	HON WINERE ME PONE TO PERS	rutiketerence variable			
data	70 790 9900 no 2000/1000	1797 Stored in Stack memory			
		points to the object of			
	Stack Heap	o Herwariable in heap			
	21)9 Ida - Memoryha).				
	pudapidones in contra parties po quantità per po denid				
	reuse and maintain				