		And the second	
		- Ocoders.world	
*	Data Structure	PAGE NO	
	100,000	DATE	
-	kihat is tata structure o		
		te , the i	
	produire deta so way	to store and	
	organize data so that it (	can be used	
		8	
	organizing the data in men		
	The stand in the		
.——	The data structure is		
	etc. It is set in older		
$\overline{}$		of the we	
	le al marie de la	/ / / / / /	
$\overline{}$	to at roctore dates 11, 2 'We	monty.	
	trata el resture	<u> </u>	
_	Data 3 ructure		
	Primifive data structure non primifive data		
	11.45	Structure	
	/		
	int char float double li	rear Honginear	
		·3. Þ·S.	
	pointer	,	
	to be a company of the built of	-@ coders.world	
	inear data structure :-		
	the discongreent of de	ata inthe	
	sequential manner is known as sinear data		
	Structure.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	The data structure used for	this purpose	
	are Arrays, sinked sist,	stacks and	
	Queues.		
- 11			

Abstraction: The data structure specified by the ADT also provides level at abstraction. The client cannot see informa working of data structure, so it does not have to worsy about implementation  pata structure:  pata structure:  - Ocaders war  primitive:  Non-primitive:  data structure:  pata		PAGE NO
abstraction. The client cannot see information of data structure, so it does not have to worsy about implementation to be at structure.  Primitive Non-primitive data structure  linear Non-clinear  Static Pynamic Tree Grop  Array linked stack queue		DATE
abstraction. The client cannot see information of data structure, so it does not have to worsy about implementation to be at structure.  Primitive Non-primitive data structure  linear Non-clinear  Static Pynamic Tree Grop  Array linked stack queue		Abstraction :- The date
abstraction. The client cannot see information of data structure, so it does not have to worst about implementation that structure classification:  primitive  Non-primitive  data structure  Pata structure  Von-Quinear  Static  Pynamic  Tree Grop  Array  Linked Istack Queue		Hostoria de data stancture a becitied
morking of data structure, so it does not hove to worry about implementation :-  pata structure classification:-  pata structure  Pata structure  Non-primitive  data structure  Pata structure  Non-Primitive  Non-Primer  Non-Primer  Non-Primer  Non-Primer  Non-Primer  Non-Primer  Non-Primer		by the Api diso provides level of
not hove to worry about implementation  pata structure classification:  pata structure  pata structure  Non-primitive  data structure  linear  Non-Qinear  Non-Qinear  Vinked stack queue		
pata structure classification:  pata structure — Ocaders was  primitive Non-primitive  data structure pata structure  linear Non-primitive  Static Dynamic Tree Grap  Array Linked stack Queue		1
primitive  primitive  data structure  linear  Non-primitive  linear  Non-Qinear  Static  Dynamic  Tree  Grop  Array  Linked stack queue		not have to worky about implementation
primitive data structure  linear  Non-primitive data structure  linear  Non-cinear  Static  Dynamic  Tree  Grop		
primitive data structure  linear  Non-primitive data structure  linear  Non-clinear  Static  Dynamic  Tree  Grop		tota structure classification:-
primitive data structure  linear  Non-dinear  Static Dynamic Tree Grop  Armay linked stack Queve		2 4 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
primitive data structure  linear  Non-primitive  Non-cinear  Static Dynamic Tree Grop  Array Linked stack Queue		patastructure - Ocaders would
data structure  linear  Static  Dynamic  Tree  Grop  Array  Linked  Stack  Queue	111	are a mail a middle of make the market
data structure  linear  Static  Dynamic  Tree  Grop  Array  Linked  Stack  Queue	w. ** -	of the company of the state of the conditions
data structure  linear  Static  Dynamic  Tree  Grop  Array  Linked  Stack  Queue	13	primitive Non-Primitive
Static Dynamic Tree Grop  Array Linked Stack Queue	1 -	
Static Dynamic Tree Grop  Array linked Stack Queue	1	
Static Dynamic Tree Grap  Array Linked Stack Queue		
Static Dynamic Tree Groop  Array Linked Stack Queue	,	Non-einear
Static Dynamic Tree Groop  Array Linked Stack Queue	9.4	The following all the little of more
Array linked stack queue		soften give in the track of the
Armay Linked Stack Queue	, )	static Dynamic Tree Groph
Array Linked stack Queue		
Array Linked stack Queue		- 1 1
Array Linked stack Queue		
Armay Linked Stack Queue		12 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		L'akad Halank anana
mations for the projection of the contract of	. 1	013+
The factor of the state of the		
	_	17.1.1
The top of the state of the sta	NT.	that the control of the left of the left
	$\overline{}$	
		*

@coders.world operations on data structure: LOVERSIUD Every data structure. contains. of Udata element Troversin Va 30+ data structure means visiting each element order to of dota structure specific operation like **Dostosu** same. secreting or sorting. If me I need to calculate Example U: average obtained by a student of wharks in 6 deferent subject, we need to froverse compute array of marks and calculate sum , then we will devide that total sum by no of subjects i.e 6 to dind overage. Insertion :-Insertion can be defined as D100688 adding the elements to the the 04 of one location. data ' structure the Size datal Structure is n then can only 10262 nt-1 data element to it. Deletion: The process of removing an element from the data ostructurbe. called déletion, we can dolote an element data rom structure any random at location. me try to delete an element drom an empty datao Structure How undor occurs.

	DATE.
- u	searching: - The process of finding the
	exation of an element within data
	structure is called searching. There
	search and Binary Search.
	einear search and Binary search.
5	sorting: - The process of arranging the
	data (Istructure in a specific order 19
	called as sorting. There are many
	algorithms that can be used to perform
	softing dor example insertion sort,
	selection sort, bubble sort etc.
6	of street in and is respectively of similar
1	of stren w and is respectively of similar
	type of element, clubbed or joined to produce third list, list c of size (m+N),
	produce third list, list c of size (11/14),
	then process is called merging.
-	- @coders world
	Handwritten Notes
	FIGNAL TYPES
<u> </u>	Uploaded on leegram
	(Link in Bio)
	The state of the s
	· ·

PAGE NO.....