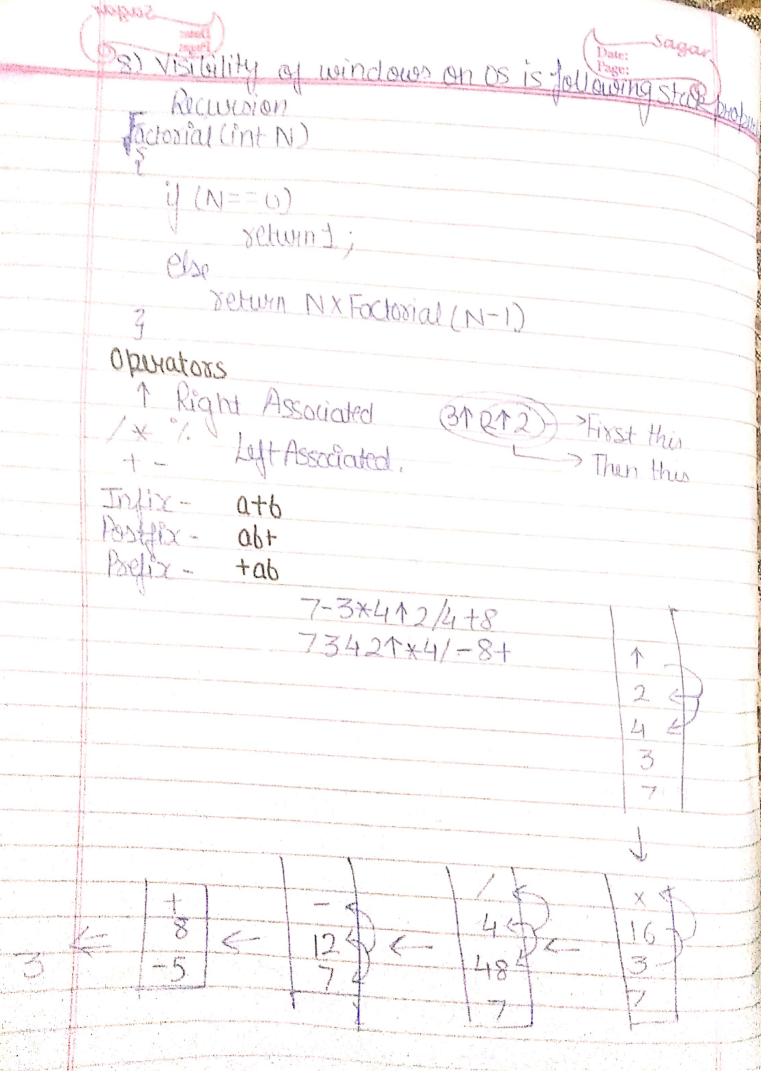
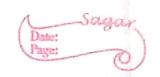
	EIntroduction-> (Agr. 0)			
Data Cha.				
	Structured way of organizing data such that operation like Insertion Delition Transving, Searching & Sorting can be performed efficiently Primitive Joperation			
	can be bordormed officion Trainguing, Searching & Soxting			
	A. C.			
	configuration of Momogeneous data element stoxed in			
	Array -> Collection of Monogeneous data element stoxed in contiguous memory allocation. All 5 primitive Operations are performed.			
	Ctach - 1-10 L			
	Stock -> last in first out			
	Rush			
	Tob > E Rob			
	D			
	A			
TI.	Ordered collection of item into which items may be			
	insulted and removed from the same end called I Top of the Stack			
	Order > lost in First Out			
	INSULTION Drocess is PUSH			
	Delation procuss is POP			
	Application => 1) Strings can be reversed using stack.			
	2) Resolving Keausive Function -			
	3) Pallandronno Check 4) Resolving Func & Procedure Calls			
	5) Evolution of postfix & Projex probuncion			
	5) Evolution of postfix & Prejix expression 6) Conversion of infix to prefix and postfix. 7) Visibility of message on what all x.			
	Scanned with CamScanner			







Queue -> First in First Out ABCD

Rear

Cluene are ordered collection of item in which items the insuled at year end of queue and remove

Insution - Encuelle

Delation - Daneus

1801981/2l

Search

x Sorting not possible:

oblications >

Booking of ticket

Barry Shop

Deliting List in a Train

Duffur of memosy in a computer follow queur

·) Revillying of message is queue

Variant Simple Queue

Level Orden Transmal of Binary Tree Breadth First Survice

Topological Sort.

Priority Queue

Double Ended Queur Quille in which both side insertion, defetion can





Linked List. > (c	illection of n	Vade		
The Next		gamenta anticolor de constituente de constitue	Parameter and American American	
100	300	C 250	1D 1	
Collection of No One of it is a node			V	
As Dynami	¿ Memory All	ocation so no	nood of shiften	
Array		Linklist		
annosu Wantaga		No Mamore wastage		

Memory Wastage Contiguous MA Require Shifting

No Munday wastery Dynamic Memory Albah. No red of Shifting

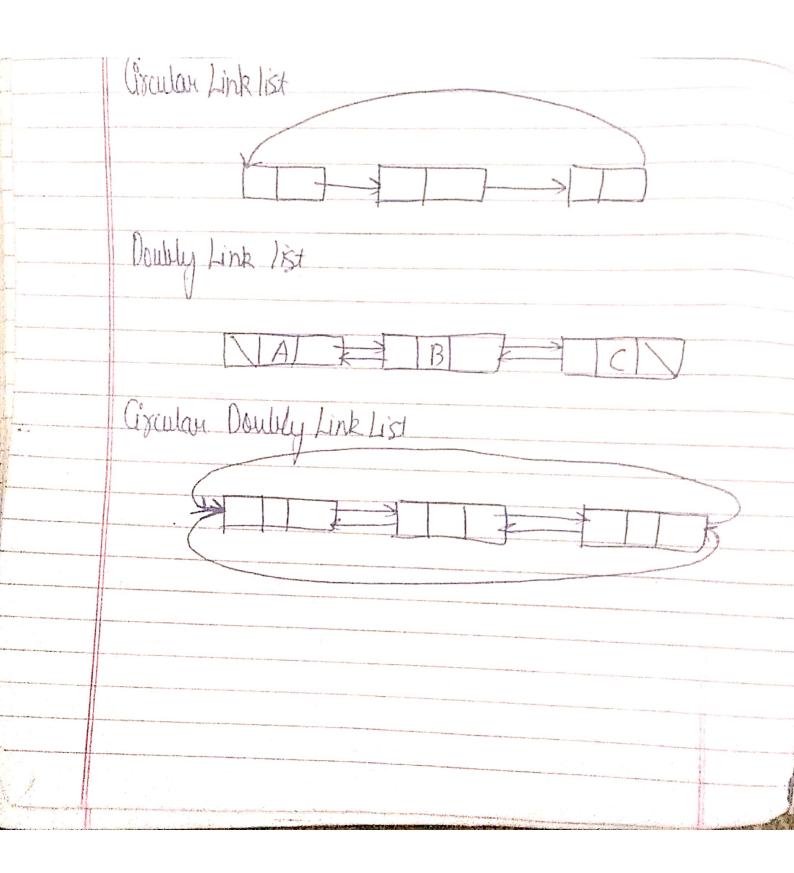
Application >>

Long number on the motion in float double 72 digit
Pougnomial of thmutic

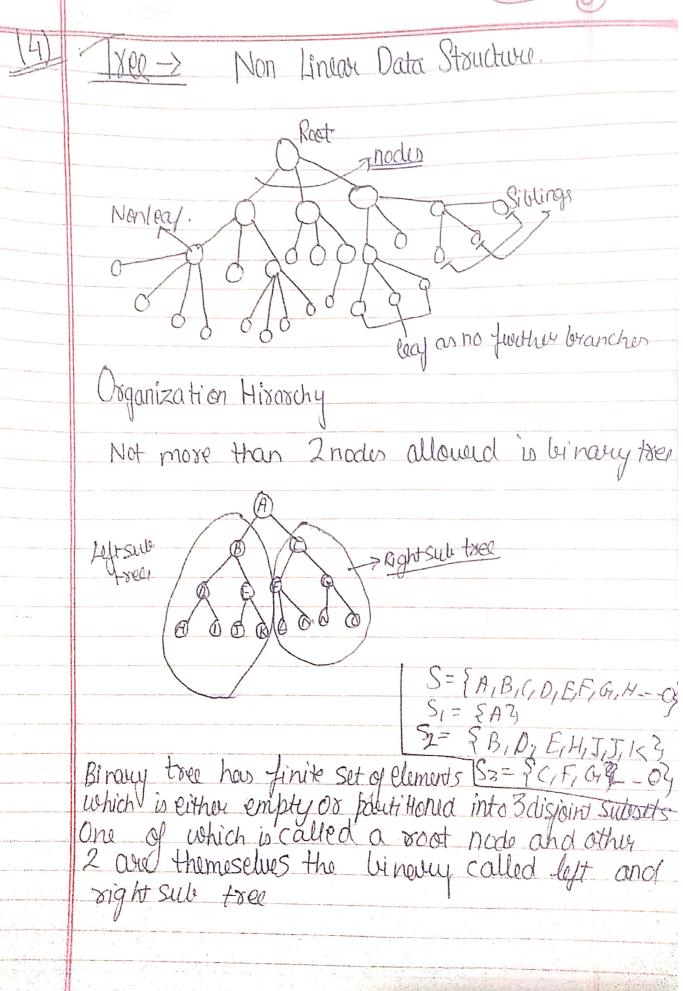
7x6-2x4+x3+3x2-8x+7 Implumentation of any DStructure

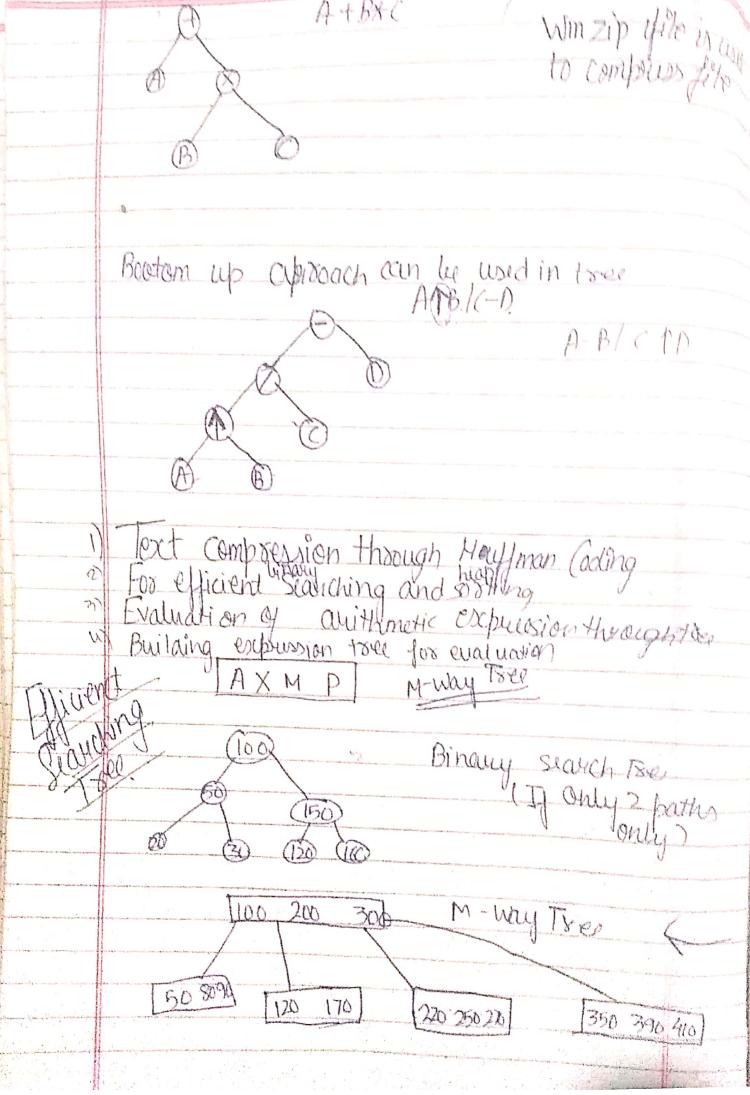
Stock, Our overes

 $-3x^3+2x^2-8x+7$ Cac Pep









A+BX(



Balancid Multiway Search Tsee 6 B Tree
B-Tree use
Maintain directory Structure of computer Variation B+ Treel Database burewith is possible in any disection in Binary Tree. LID 150 28 application Shortest porth between 2 places & the files Transmin Daken (Source - Distinction files Transmin Daken (Source - Distinction files) Chines Postman problem bods repet at street do not report by Maximum Flow proplem (wode ranks) Interconnection between telephones PCB clesiquing Psinting Circuit Board Minimum

Scanned with CamScanner