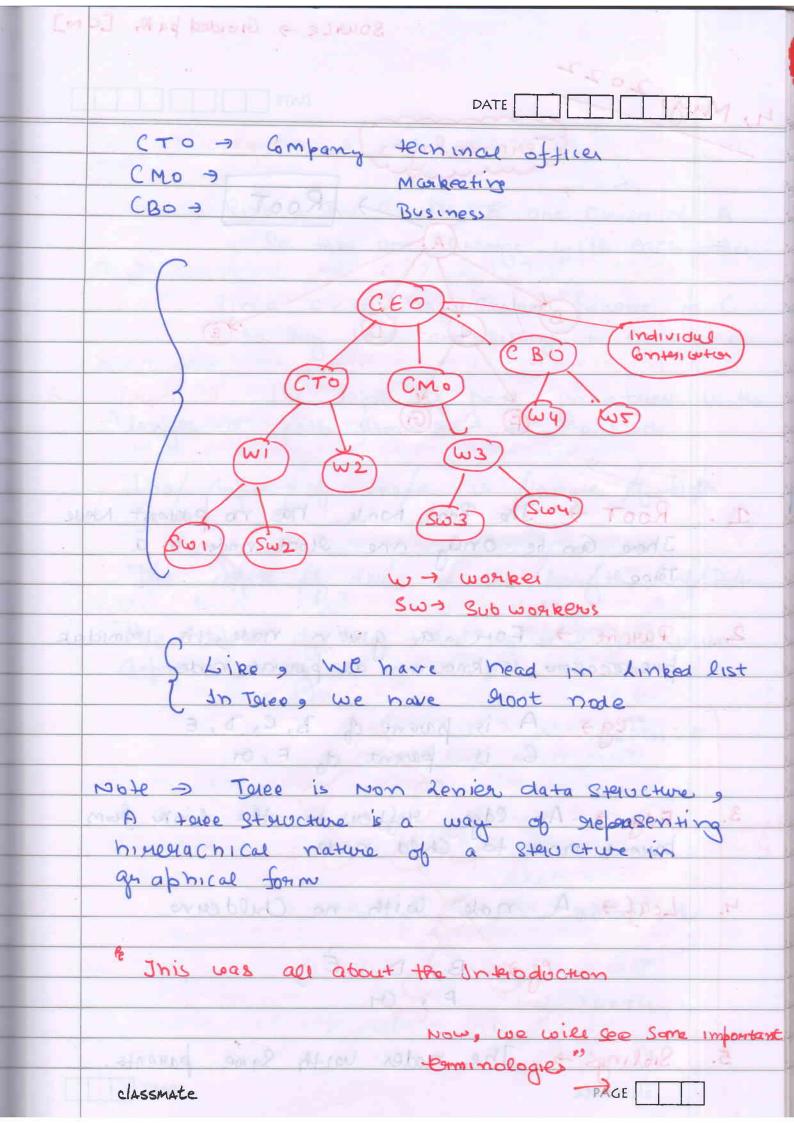
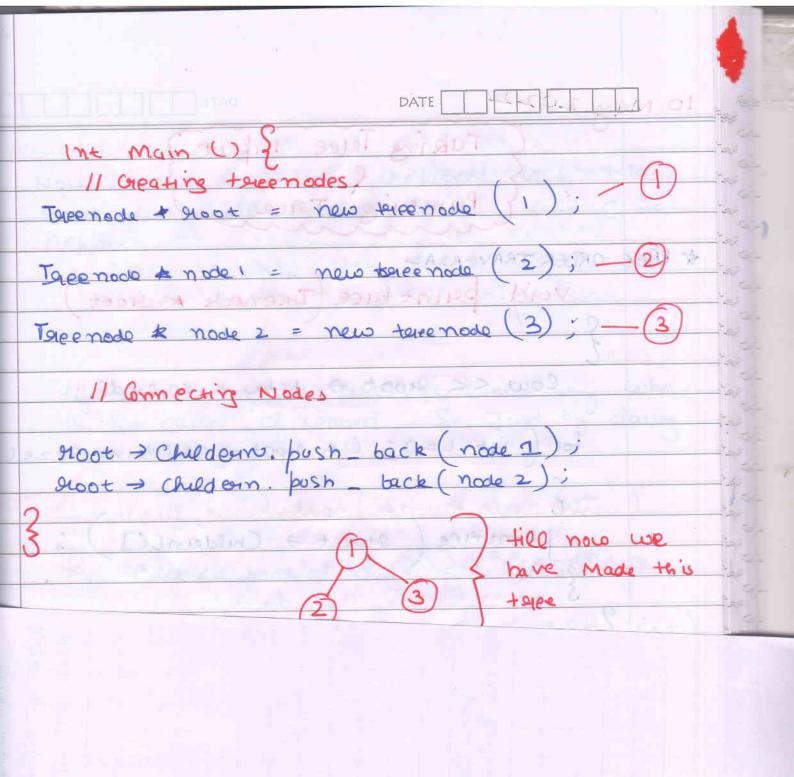
2, May, 2022  REES TO Genous TREE JCN  INTRODUCTION
A three is a data structure In which  One node May be Connected to any number of nodes  Cxample -
In Linux, we have groot digectory  Root dicrectory Contain some for More  digectories, and further thay can contain  more folders.  Root
TREE din (a) dy dy
Another (X ample -)
CEO WE have CTO, CBO, CMO, INDIVIDUAL WHOLE WORKERS.  Classmate  Classmate  Company we have workers.  PAGE  PAGE

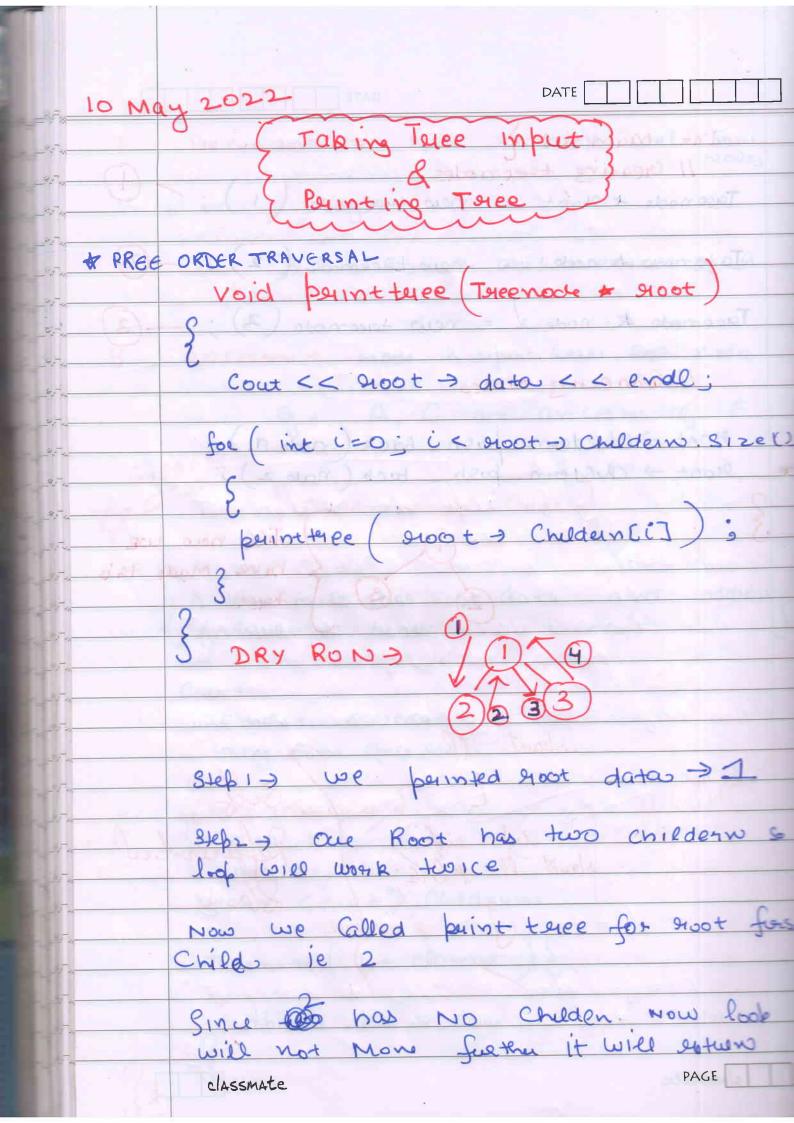


		Source - Groided path [c N]		
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- R.A.	4, Ma	y, 2022  DATE		
		(Terminologies)		
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- Sept 44		(c) (C)		
37.		- (2k) (G)		
		No. Julius L. Live In Co. Manual Strategies		
	1.	ROOT - The Root Node has no partent Node		
all n		There an be only one stoot node in a		
pli u	Tare Tare			
-47 v.		Surf Contraction		
25 12	2.	Parent > For a given mode, its immides		
254	to, O	predecessor is known as parent node		
254	I K I- II	Con A is large A D C D C		
2174		Cg > A is parent of B, C, D, E  C is parent of F, or		
		enterwise whole enciron work in month is a state of		
	3.			
	U	barrent node to Child node.		
474		Do apprical frame		
25 14	4.	Leaf > A node with no Childeyn		
25 m				
95 a		eg -) B, D, E		
25-		F , C1		
50-	5	Shlines > The moder have		
14 4	J.	Siblings > The nodes with same parents.  classmate PAGE PAGE		
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	G G	short to be egg on N what the doublest of	+
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		So they are siblings with each of	
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4		Since From has Common parent ie	C
		so they both are sisting to each other	hero
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		ferom lead charing 3/97	1
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		depth among all the Nocks in Tole.	
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	7	De cendent > Node & niche wali Sani
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- Fr		D, C, D, E J T) OT 3 14 12 12 12 12 12 12 12 12 12 12 12 12 12
		to the total sold sold and total
	0	Anceston + Node k upar vali sari nodes
	Al al	and the short the ships at the ships
	-	eg, A, C are ancestor of F
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- 3F2	AS	TREE NOOD Class
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	anolii P	# include < vector ?.  Using name Space std;  Class Teleewode & Sulf Public;  Public;  Int data;  Vector < Math Children
	H ce	# include ( vector ).  Using name Space Sta;  Class Terrenode & Sulf  Public;  Int data;  Vector ( XXXX) Childenn;  Terrenode **
	P se	# include < vector?  Using name Space sta;  Class Turenode?  Public;  Int data;  Vector < xxxx > Children  Tree node (int clement)?
		# include < vector?  Using name Space sta;  Class Turewoode & Sulf Performance of Sulf
		# include < vector >  Using name Space Sta is  Class Turenode &  Public is  Int data;  Vector < xxxxx > Children  Trice node (Int clement) {  This -> data = data;  2
	7	Class Type Node ?  Public :  Int data:  Vector < XXXX Children  Three node ( int clement ) ?

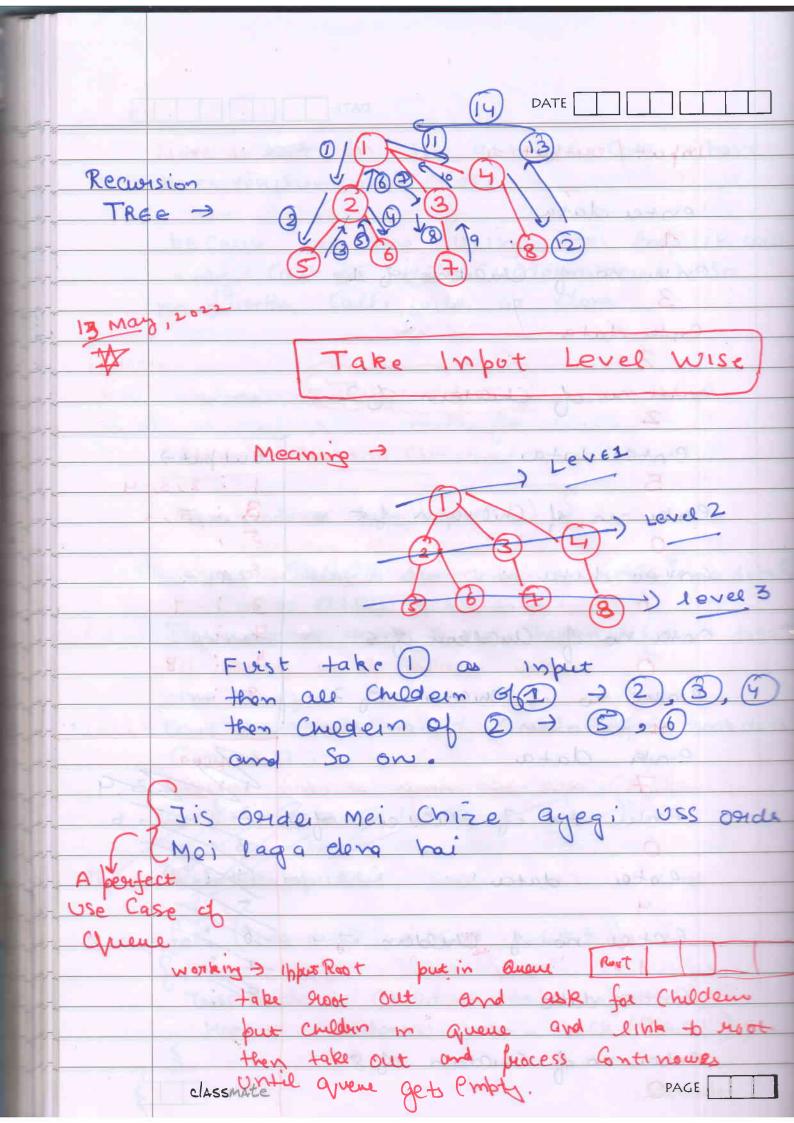




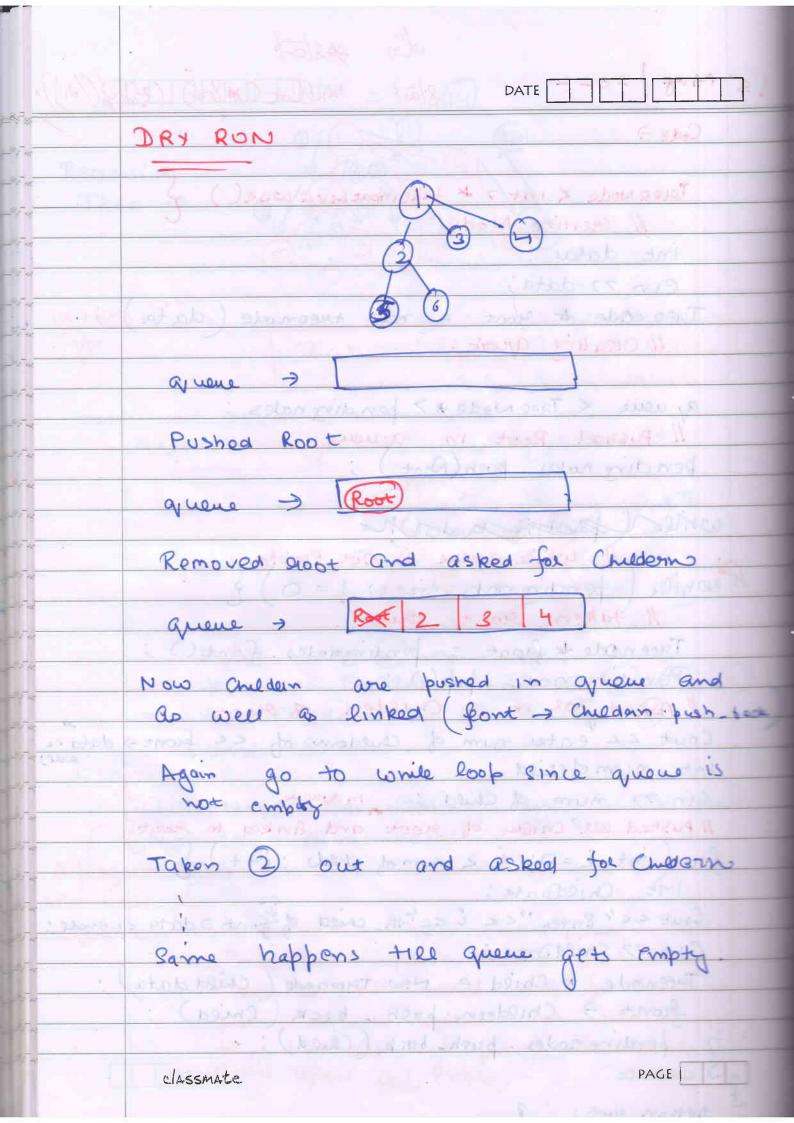
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		be cause use are using for loop it will
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	-	no further Calls will be done
- 77		
	12 Ma	y
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THE PER		Noob - App 9109 Ch
		Torre mode of take input () {
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-97 v		Cin >> dated twot datas
	( Total	Theenode * not = new theenode hoot data
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		Int n;
	N. San	Cout LC enter no of Children of CL 900t dete
		Cin 72 M;
		1 Calling function again for each Children.
		for (int y= 9) LEW SY++)
427	-	8////
	Tereson	e Tonestake Input ()
S. P.F.		03/1.
15 T 10		for (int i=0; i < n; i++)
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		True mode & Child = take input ();
		2 Hoot - Childenn, push = back (Child);
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In postor 8/ail = milloc (\*8/2) (bide (1/4)) 15 May 2022 Torre Node & Int 7 + take input Level wise () > // Creating Node int data; Cin 72 data; Type nade + Hoot = nois treenade (data); 11 Creating quois. a, were < Tree Node \* > pending nodes; Il Pushed Root in gruene pending nodes push (Root); while banding and the I while greene is not empty While pending nodes . size () = 0) } 11 taken soot out Tree node to faint = pending nodes, front (); Pending nodes pop (); Il Asked for no of Charden of 900t Cout LL enter num of children of LL front -> data (1 int num of child; and of no word Cin 77 num of Child; In avuene 11 pushed all childer of groot and Anked to groot for ( int i=0; ( < nm of ched; i++) } Int Chied Data; Cout << " Enter "< < i < c'the chied of front 3 data ccende: Cim 77 Child Data Tarremode \* Chied = New Toronode ( Chied data). front - Children bush beck (Child): of pending nodes. push- back (Chied); 2 S classmate PAGE



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	enter 1th enea of 1
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	enter 1th child of 2
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	enter no of children of 3
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