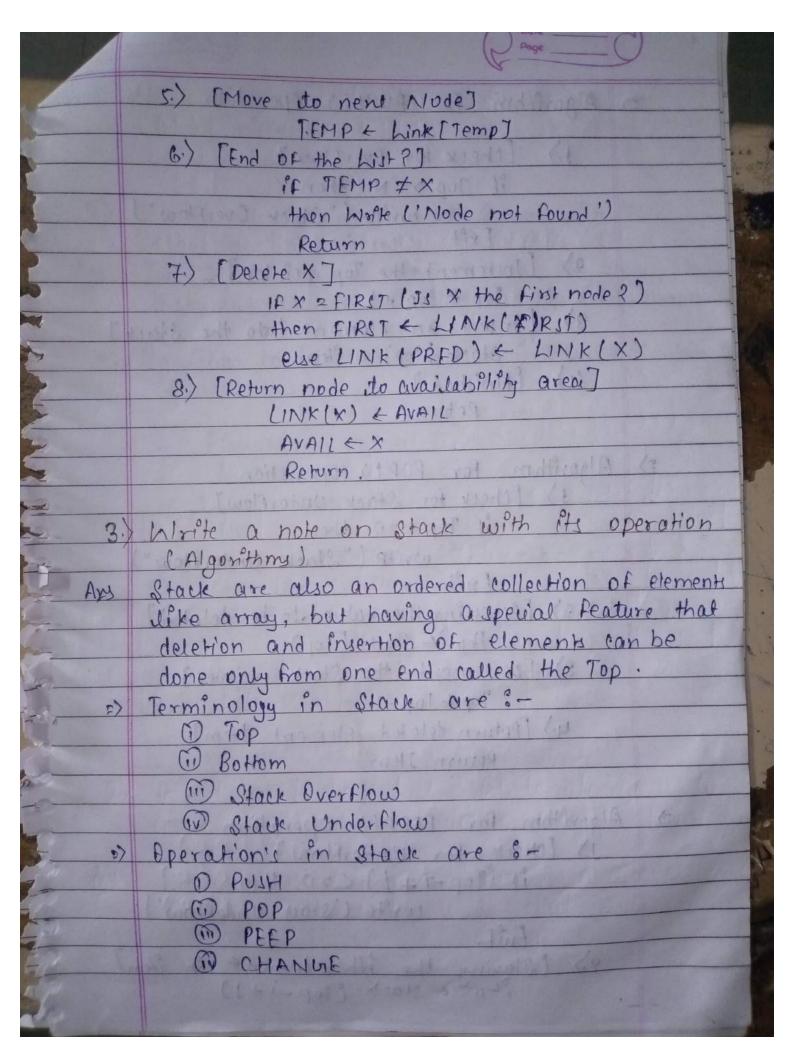


	a land of hoginning
(=	Algorithm to insert node at beginning
	27
	1.) [underflow?]
	IF AVAIL = NIULL Stack Overflow)
	then write l'Availability Stack OverHow's
	Return (First). Return (First). Tree node]
	New & Avail New & Avail Availability Stack]
19	O LAMANIA FIRE NOOF FILE
	AA (AA II AA III AA II A
- William	4) Intiquie fields of new hour and
	tink to the list
1818	INFO(NEINI) EX
	LINK (NEW) & FIRST
1	ES ESPA NIEW OU FIRST!
1	FIRST - NEIN
	6.) [Return address of new node]
	Return [New]
(2	Algorithm to Delete node from Linked-List
-/	FIIGONITIO
	1.) & [Empty List?]
	IF FIRST = NULL
	then write ("Underflow")
6 155	Return
1	2) InHalise Search for XI
	TEMP + FIRST
1000	3) [FIND X]
	Repeat through steps while Temp * x
	and LINK (TEMP) \$ NULL
	4) [Update predecessor/previous marker]
	PRED & TEMP



	C Page	
	Algorithm for Push () operation	
= =====================================		
	1.) [cheek for Overflow]	
	or the services then	44
	write ("Stack Overflow")	
	FXIT	
	2.) [Increment the Top pointer]	
-	Top & Top +1	
	3> [Insert an element into the stack]	
1	Stack [Top] + item	
	(4) (finished)	
	Return.	1
	X-A FIRVA	
(3	Algorithm for POPL) operation	
	1) [Check for Stack Underflow]	5
ROKENO	if Top == 0 then	5
	write ("Stack Underflow")	5
	a moltrallagenituden an order son strate MA	4.
talf w	2) [Accessing the value to be deleted]	41:
a Brond A	Item & Stack [Top]	1
	3) [Decrement the Stack pointer]	14
	Top top-1	5
	4) [Return deleted element Item]	1
	Return Item.	
	Cook and And (in)	
2)	Algorithm for PEEP() operation	
	if (Top-17) < 20 then	
	if (10p-770) <20 then	
	write ('stack undeflow')	-
	Enit.	
	2) (Storing the ifh element in item) item + stacle [Top-i+1]	
	1101 - 21acle [10p-141)	

1	
90 11	3.) [finished] Return item
	3.) [finished]
	Return item
	Cupi coballe I si and anal
4.>	Mite a note on Circular Queve with its
	operation (Algorithms)
AM	In Circular queue any elements in accessible
	In Circular queue any element in accessible from any position but only in a forward monner,
12	Algorithm to insert an element in Brushe circular
-/	Queve.
	Queve.
	1) [Reset rear Painter?]
	IF R 2 N
	then R < -1
	Else
	R+R+L (V) and a
	2> [Check for Overflow?]
100	if R2F inder and today
	then write ('Overflow')
Say 13	Return and a sold A sold
	3) [Insert Flement]
	8[R] & Y
	4) [Is front pointer properly set?]
	if F20 and down willing
	- 2 then ft 110 minus
	Return Return
1-170	(ava) to environd solved and (a)
	(993) Legensenand welling (1)

	alamant in Circular green
27	Algorithm to delete an element in Circular green
	1) (Underflow)
	1.) (Underflow) then write ('Underflow')
	then write (Onders
	Return. 2) [Delek an Flement]
	2) (Delete an Element)
st Chang	2) (Delete an Clemers)
VANAGOS	3.) [Queue empty]
valued ?	if R=F then R+F+O
	Rehirn (Y)
	4'> [Increment front pointer]
MARTINE	if F=N
	then Ft 1
	else de la constant d
THE REAL PROPERTY.	ttt+T
	Return (Y)
	(Sugarous of Holes de
5.>	What is Tree? Explain Tree Traversal with
	enample.
Ans	A Tree is also one of the data Structures
	that represent hierachical data.
Part House	Trusta de la constante de la c
	Tree transversal means transversing or
	visiting each node of a Tree.
	3 ways of Transversal are :-
THE REAL PROPERTY.	@ InOrder transversal (LRR)
	1 Pre Order transversal (RLR)
	PostOrder transversal (LRR)

