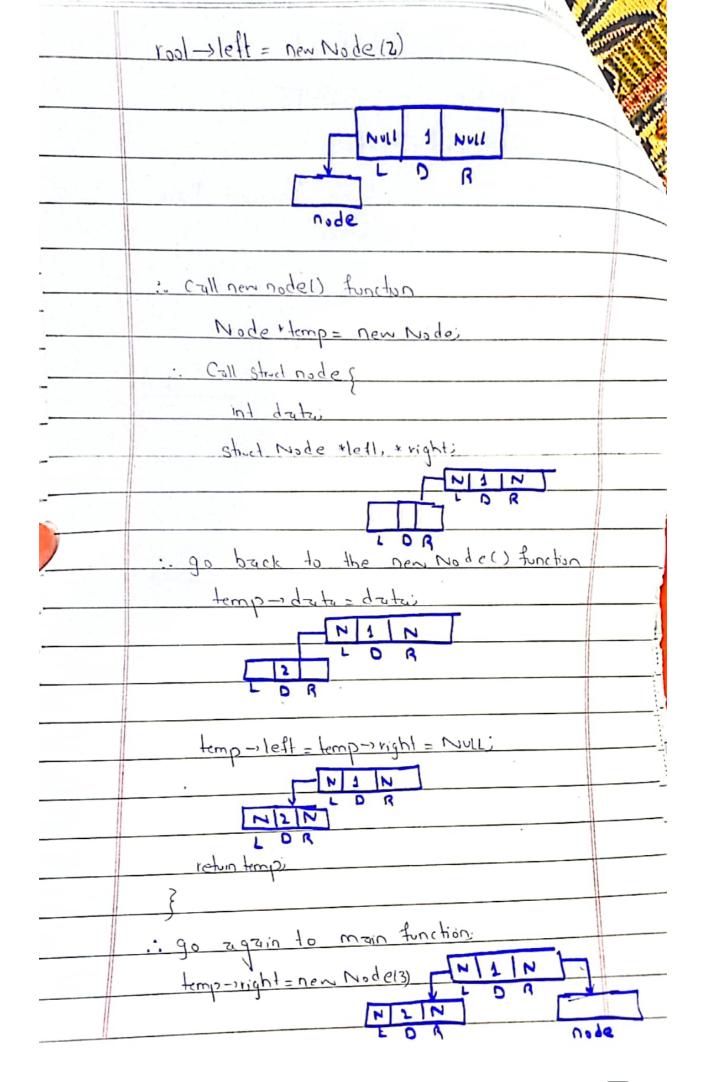
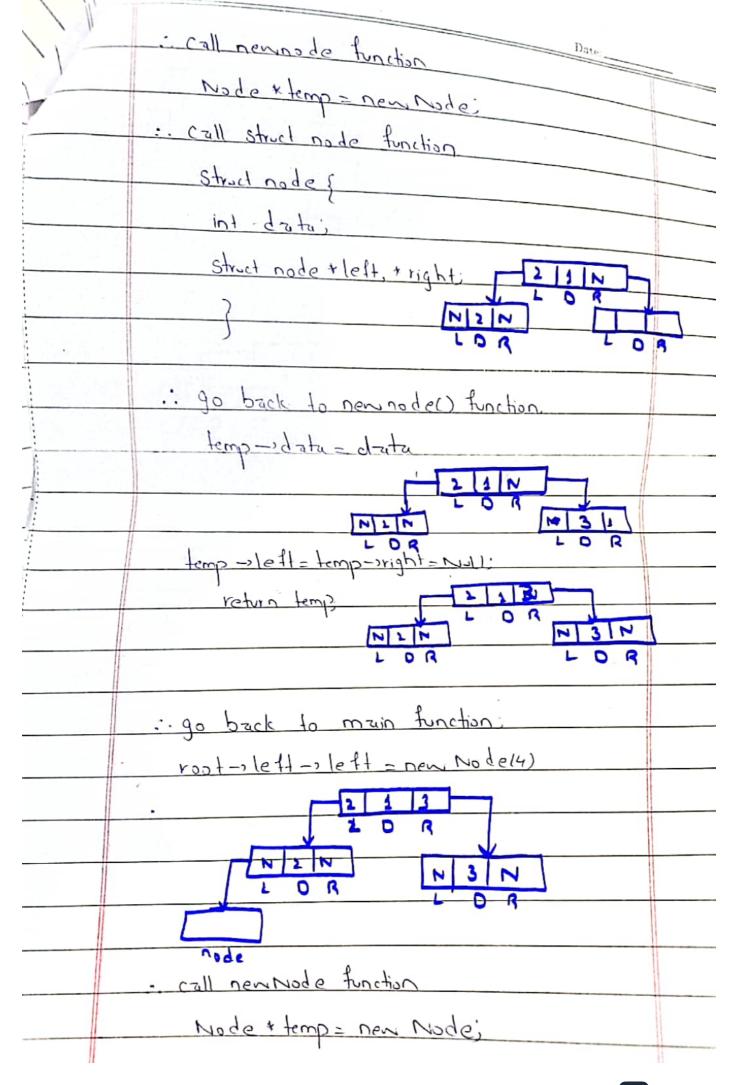
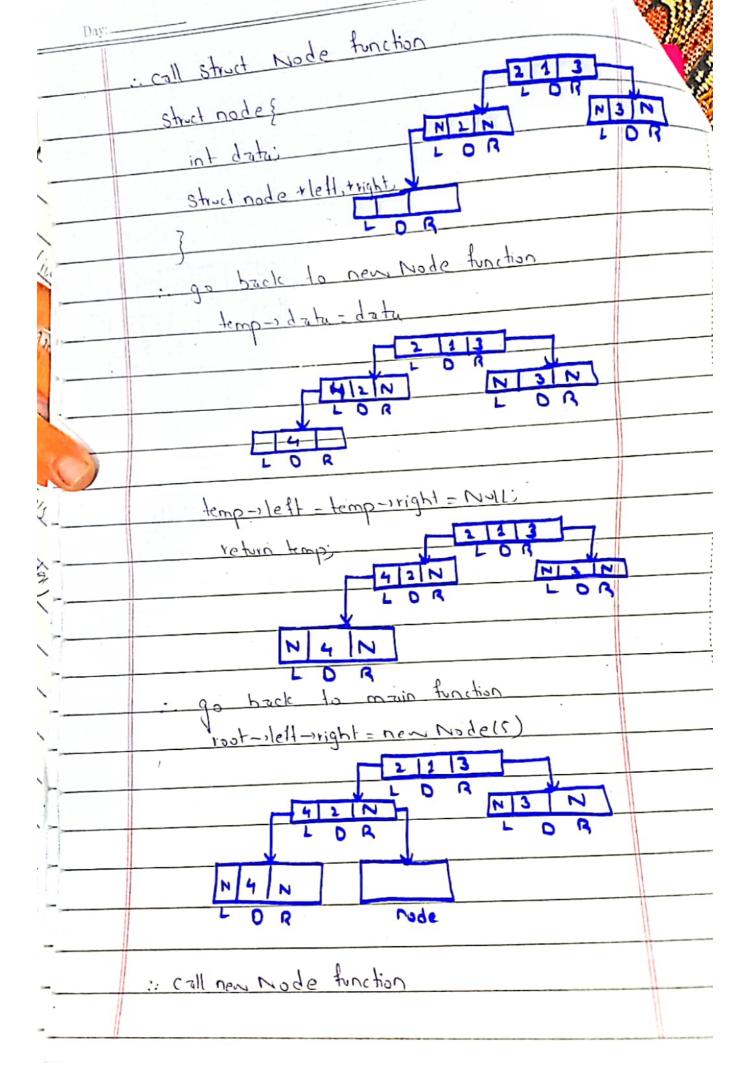
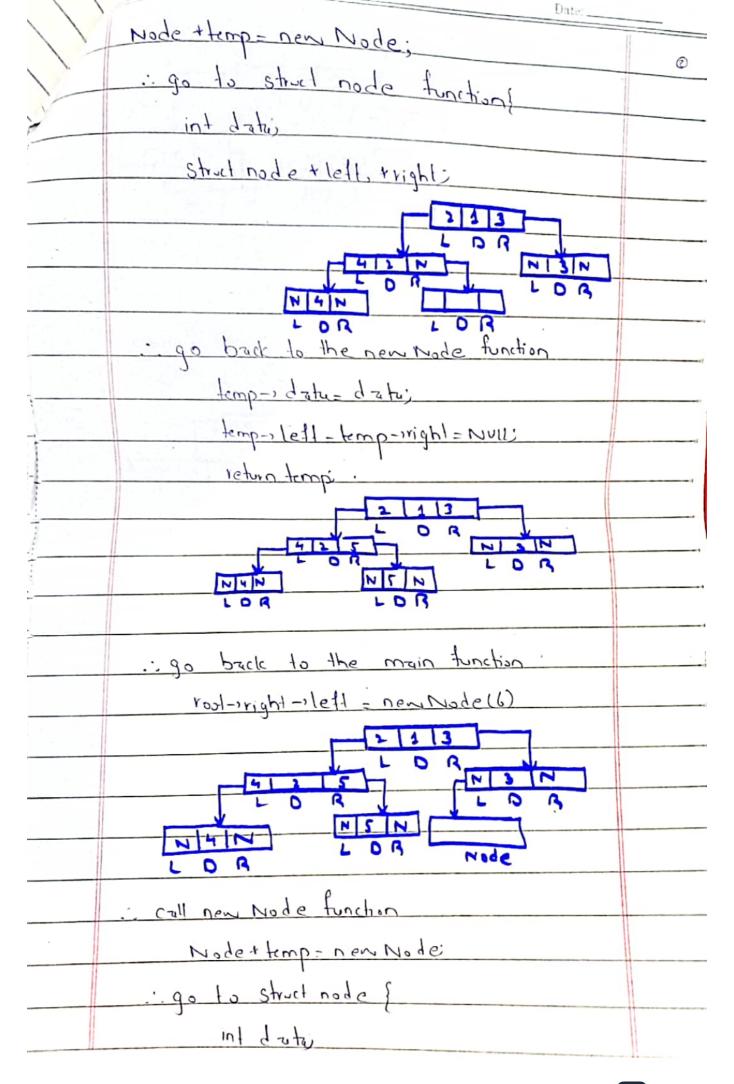
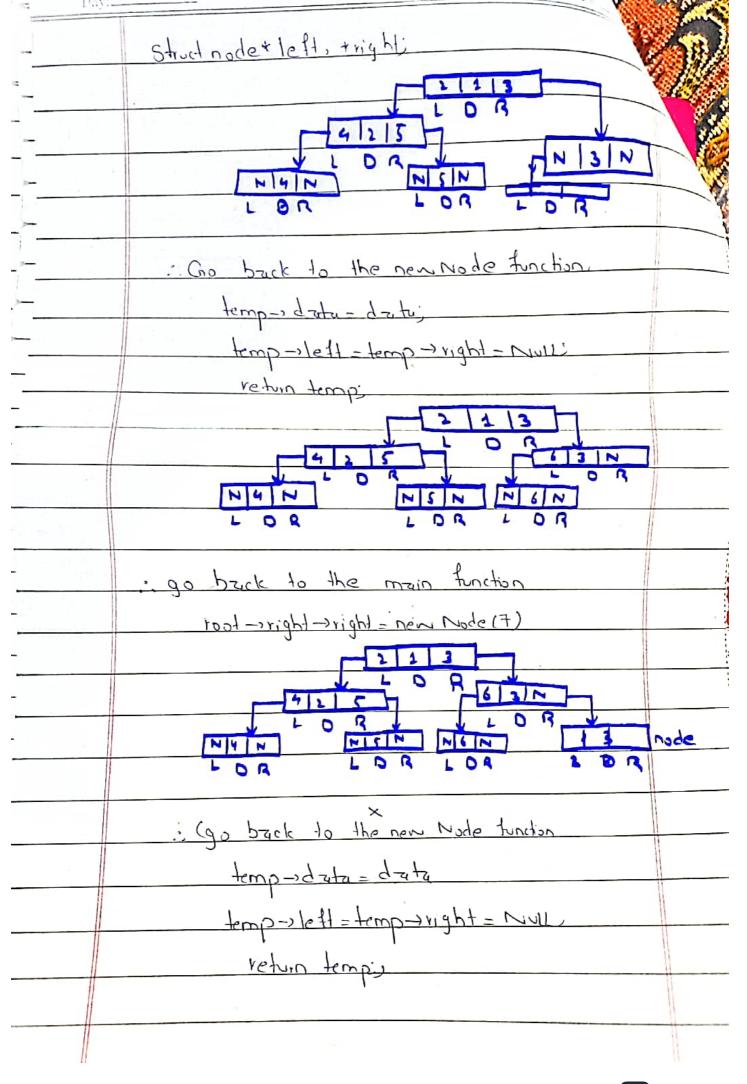
Name: Sadia Javed	
Roll No: Sp22-BCS-113	0
Section: BCS-B	
Submitted to: Mam Yasmeen Ja	
Assignment No: 4	40.8
. Preorder travers al:	
(90 to main function)	
Struct node *rool = new node(1)	rool
i.go to the new Node() function;	
Node *temp = new Node;	
·	
strict node * left, * right;	
}	oot
LDR	,
go back to new Node (int data)	
temp-> data = data	
temp->left = temp->right = Null	
return temps	-
1	,
left Right	
Note 1 NOTE	
LDR	-
ingo back to the main tunction	
To sact to the whall portion	

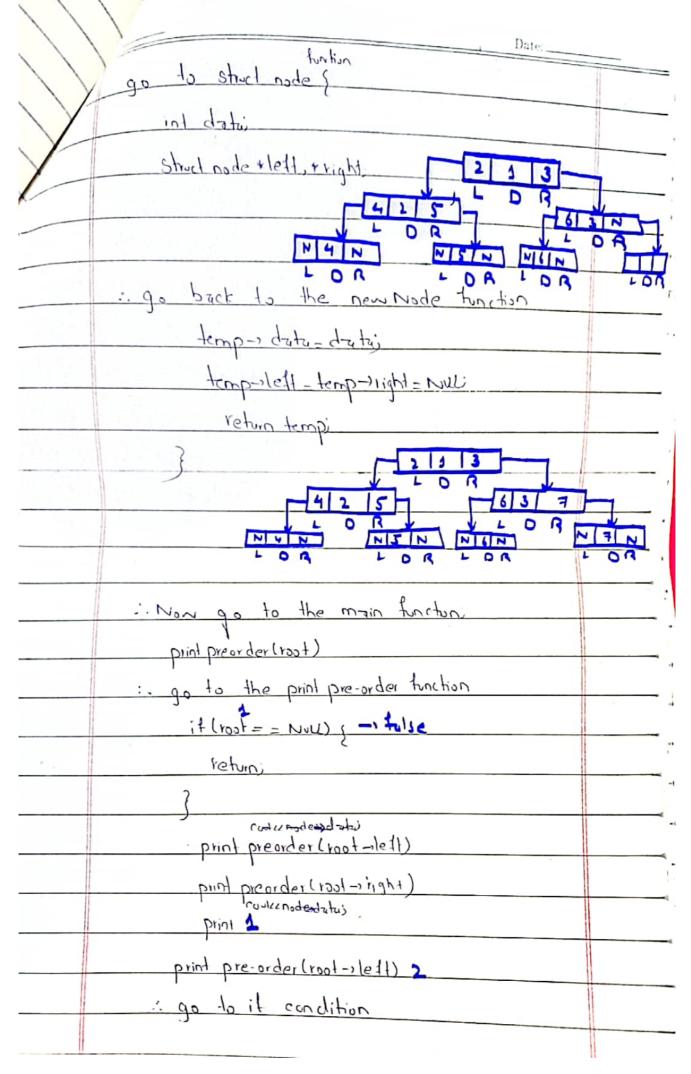






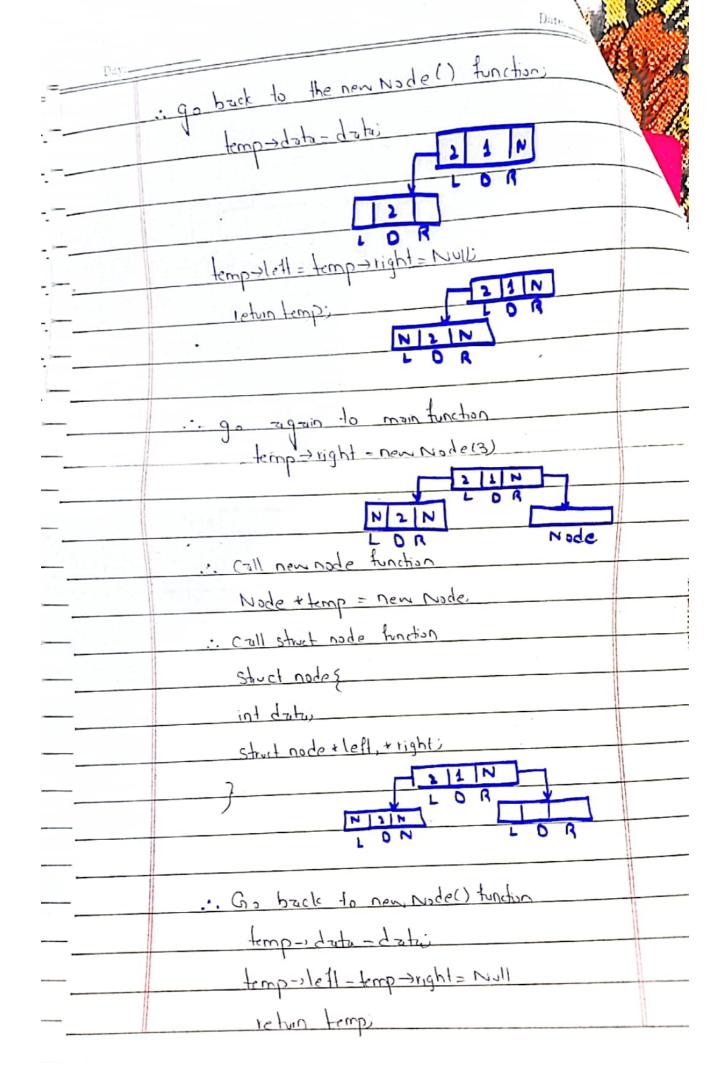


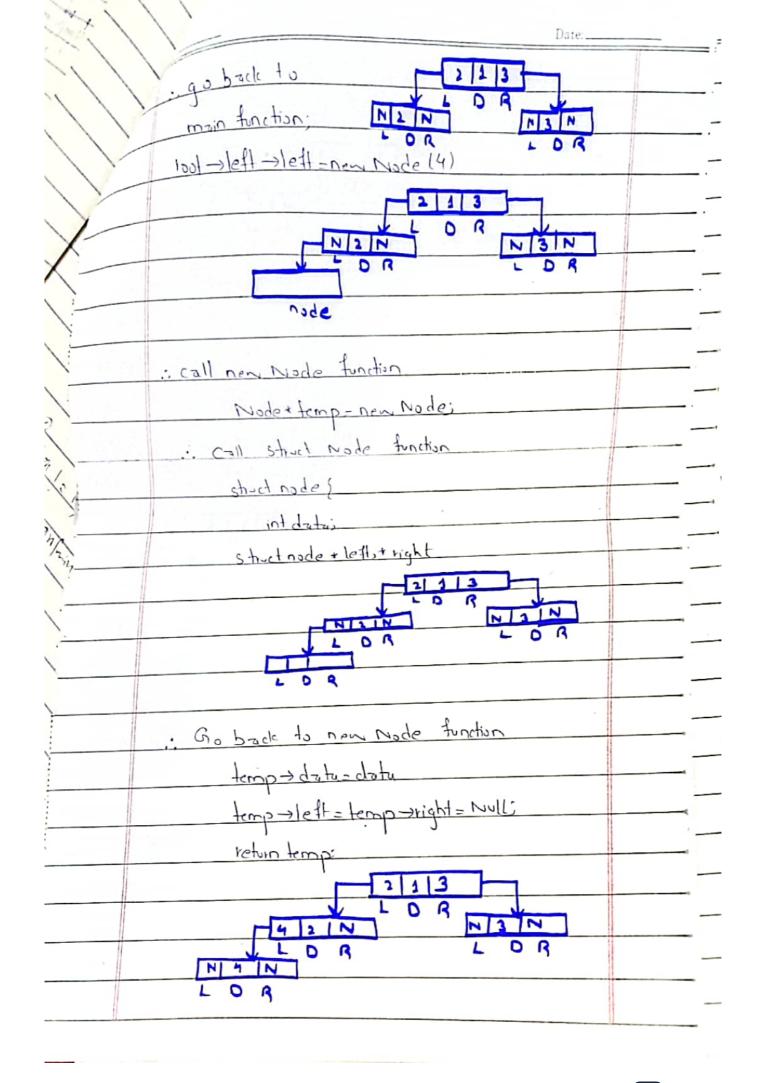


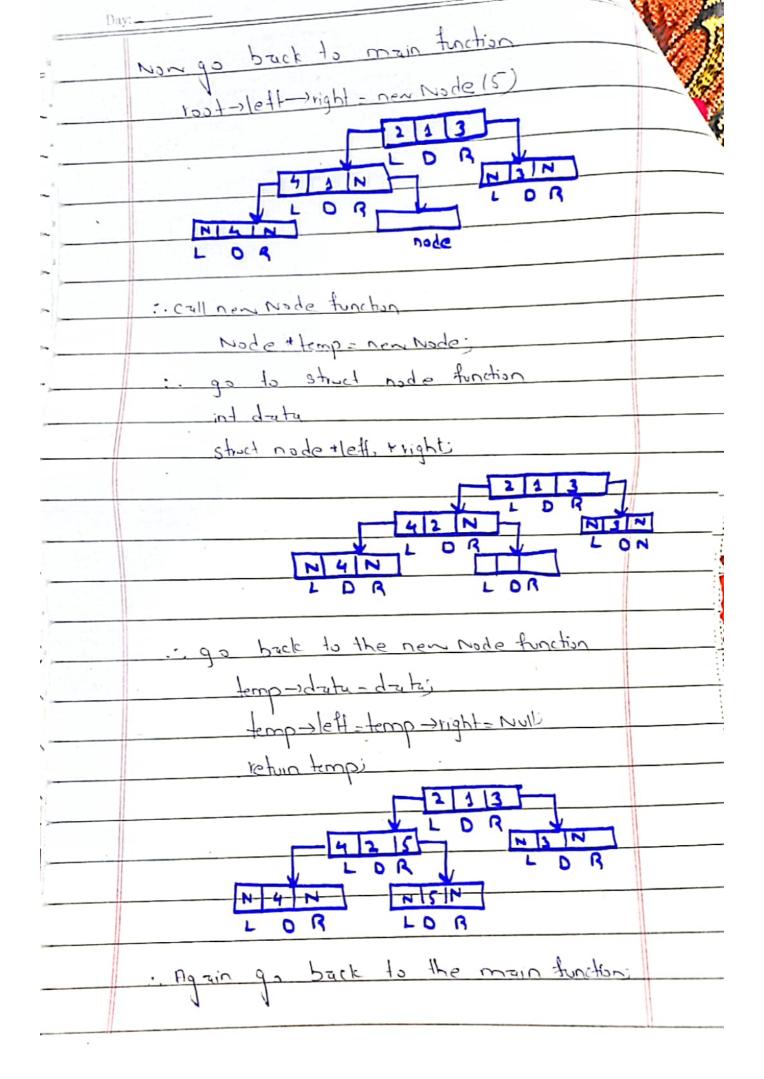


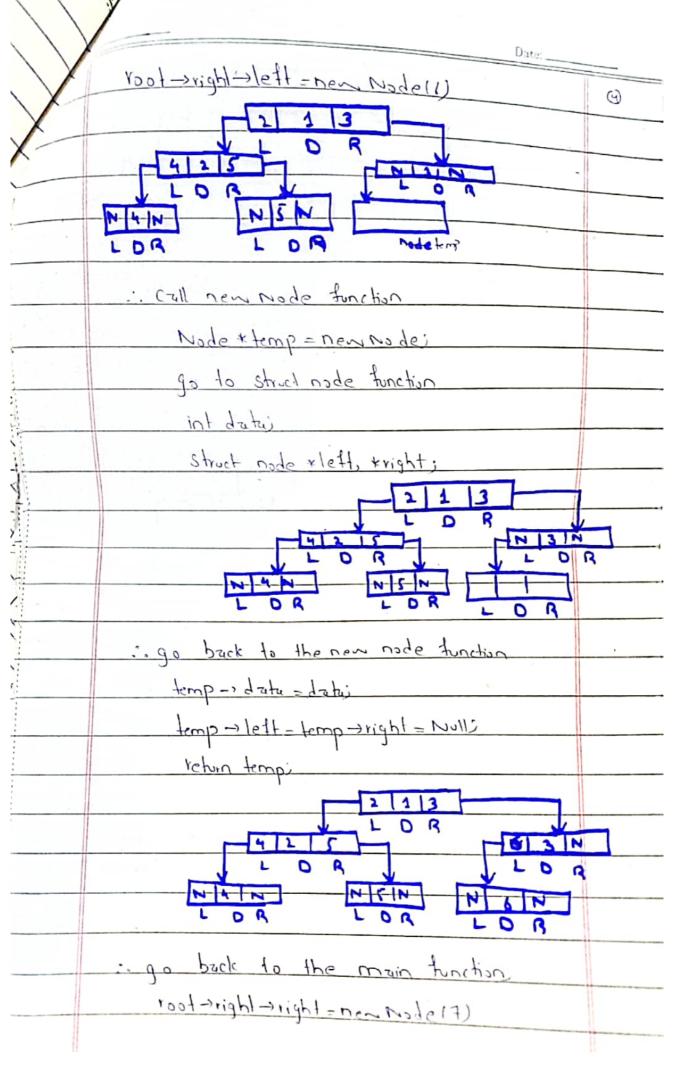
iftrail== Null) -1 tube	
return;	B
Contre node - idratio 12	
Print 2	
print preorder (root -) lett) -,4	
contenade - 1 data	
piint 4 1 2 4	
go back to the root 2 &	
go to its right	
print preorder (root - right) -> 5	
controde > data	
Print 5 1 2 4 5	
Non go back to the root 1 and	
then go to its right	
print preorder (root ->r, ght) -> 3	
print 3 12453	
go buck to the left side of root 3	
print preorder (root -) left) -> 6	
print 6 1 2 4 5 3	6
Go to the right side of rool 3	D
print preorder (root - right) - 7	208
Print 7 1 2 4 5 3 5 7	@Q\?

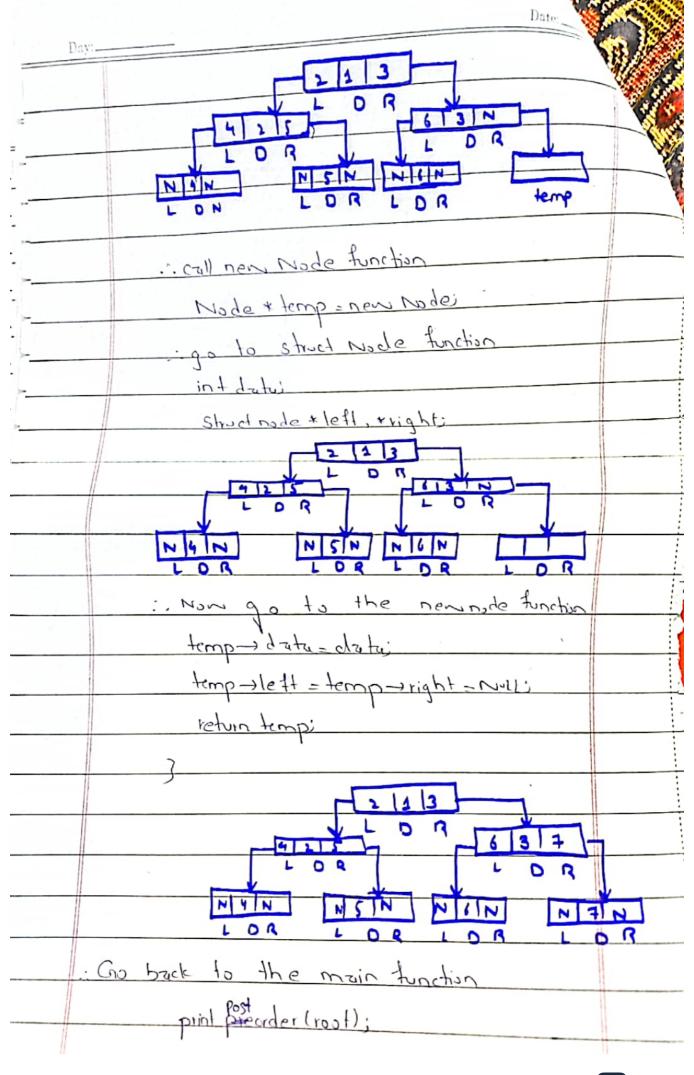
1	Date:	
	Post traversal:	3
	Go to main tunction.	
	Struct node + root = new node (1)	202)
	igo to the new Node() function	
	Node Hemp = new Node:	
- V	: Go to Struct Nodes	
	int datai	
	Struct Node *left, *right _ D R	
	:. Go back to new Node (interty)	
	temp-, data= datai > 1 1 R	
	temp-sleft = temp-sright = NULL:	
	return temps LOR	
	. Go back to the main function	
	root-sleft = new Mode (2)	
	DR	
	·· (zell new nodel) function	
	Node * temp=nen Node:	
	· Call struct node {	
	int datai	
	Struct Node +left, * right N 1 N	
	THE OR	1



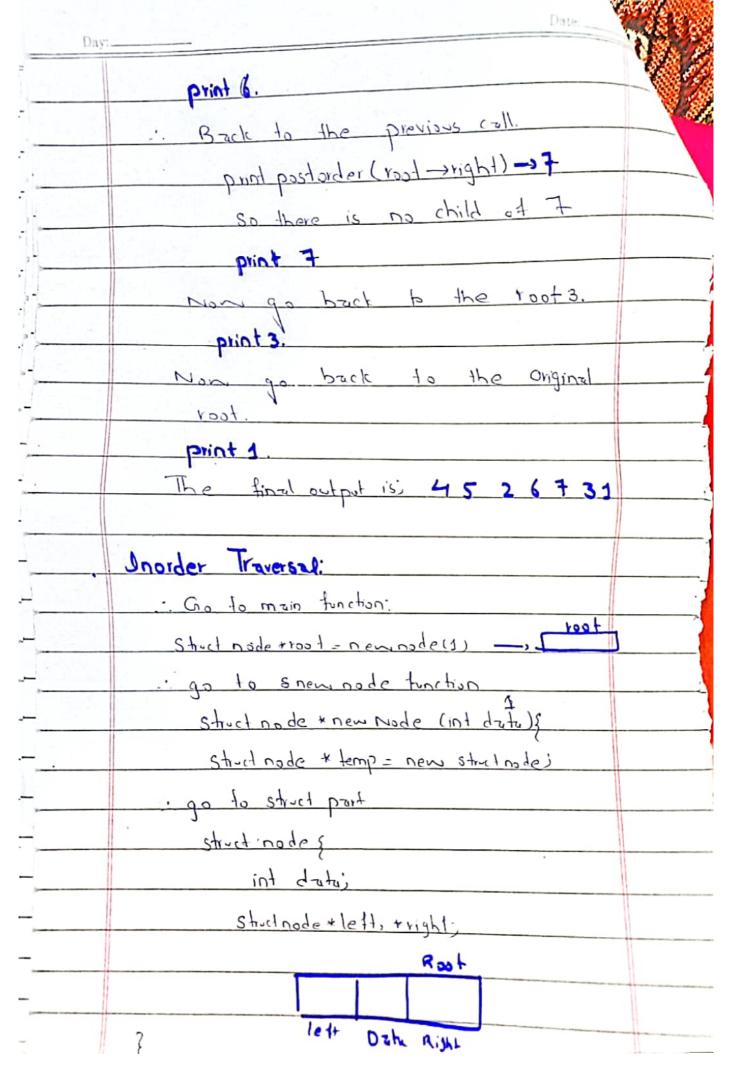


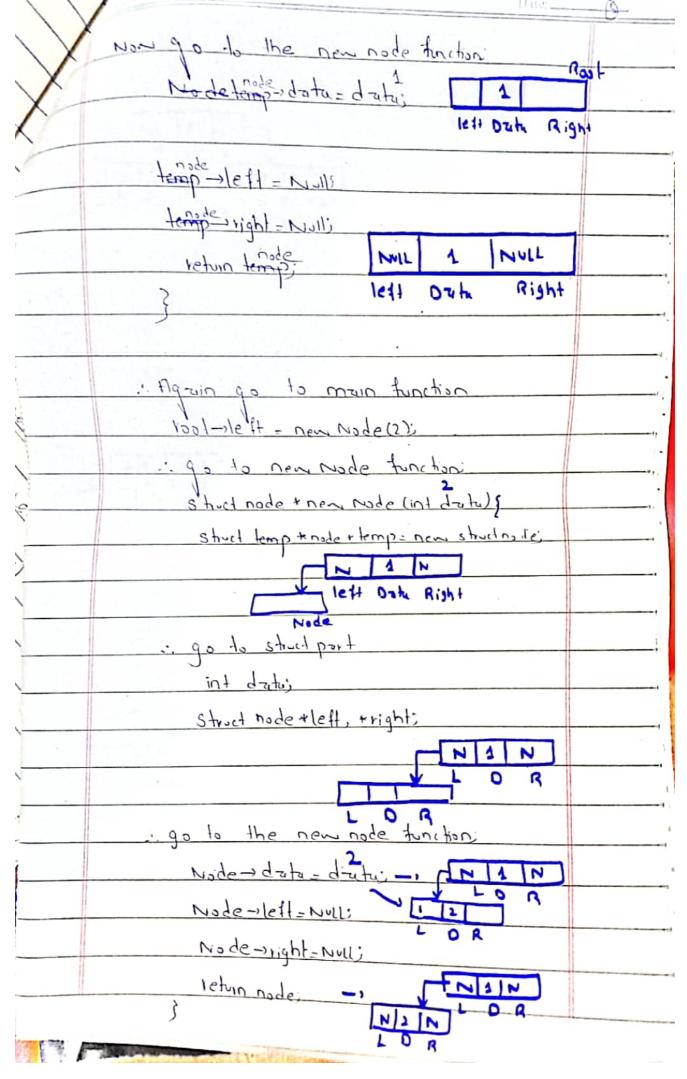


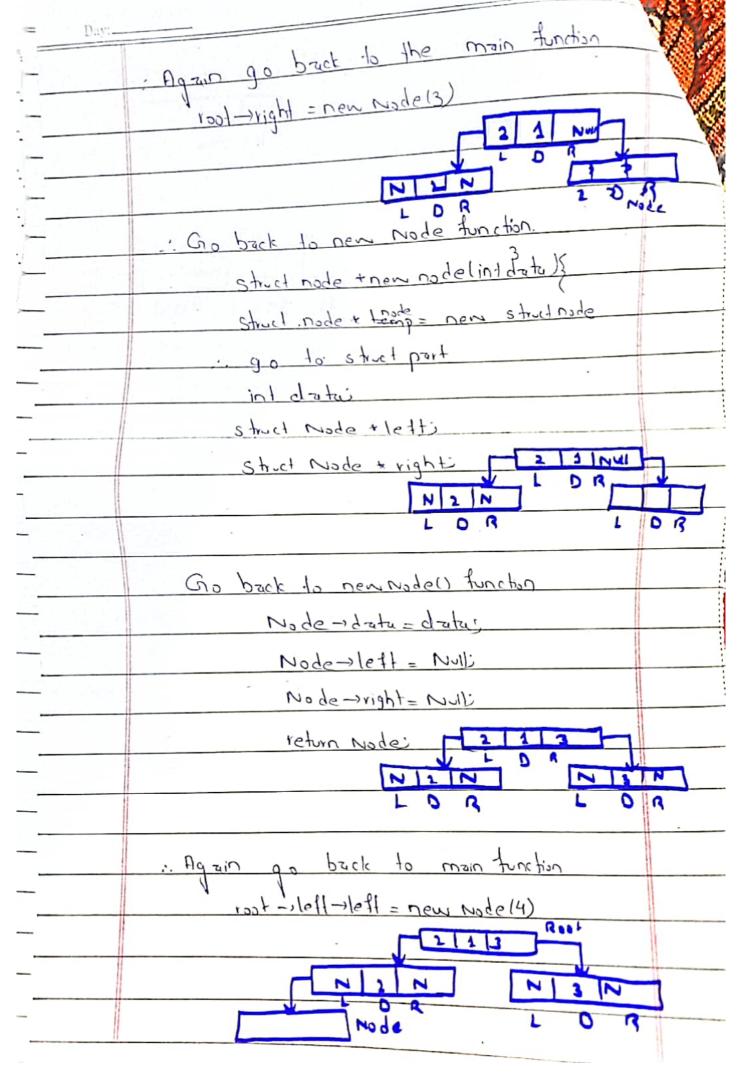


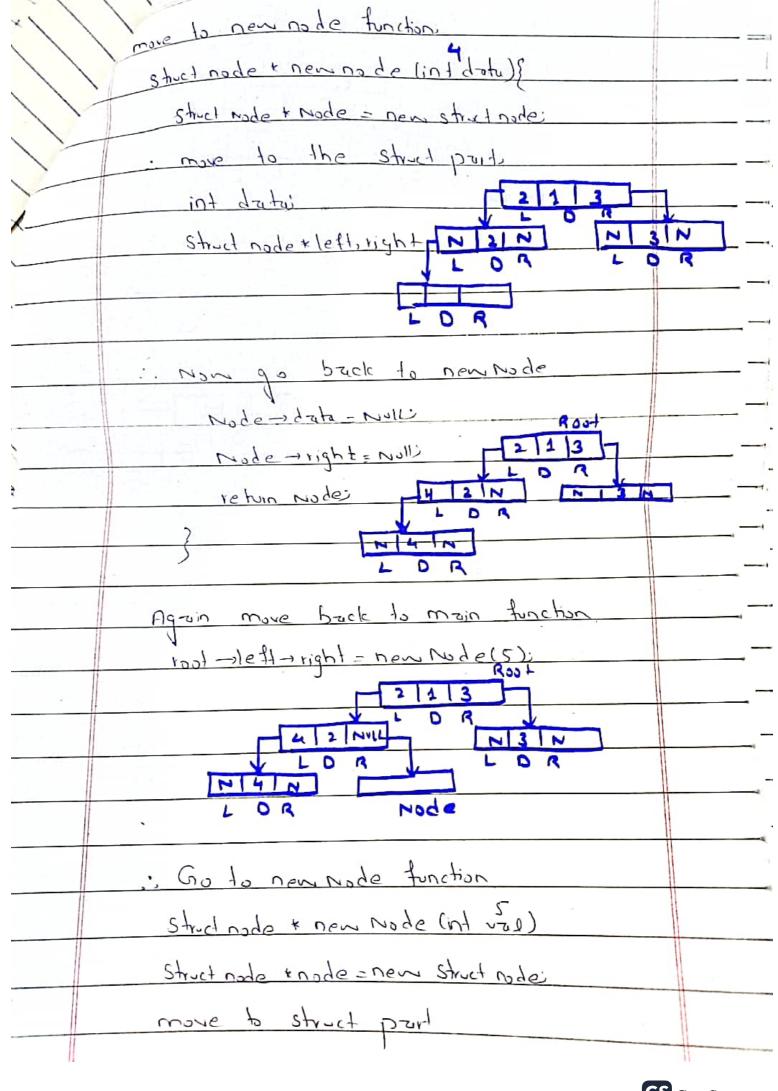


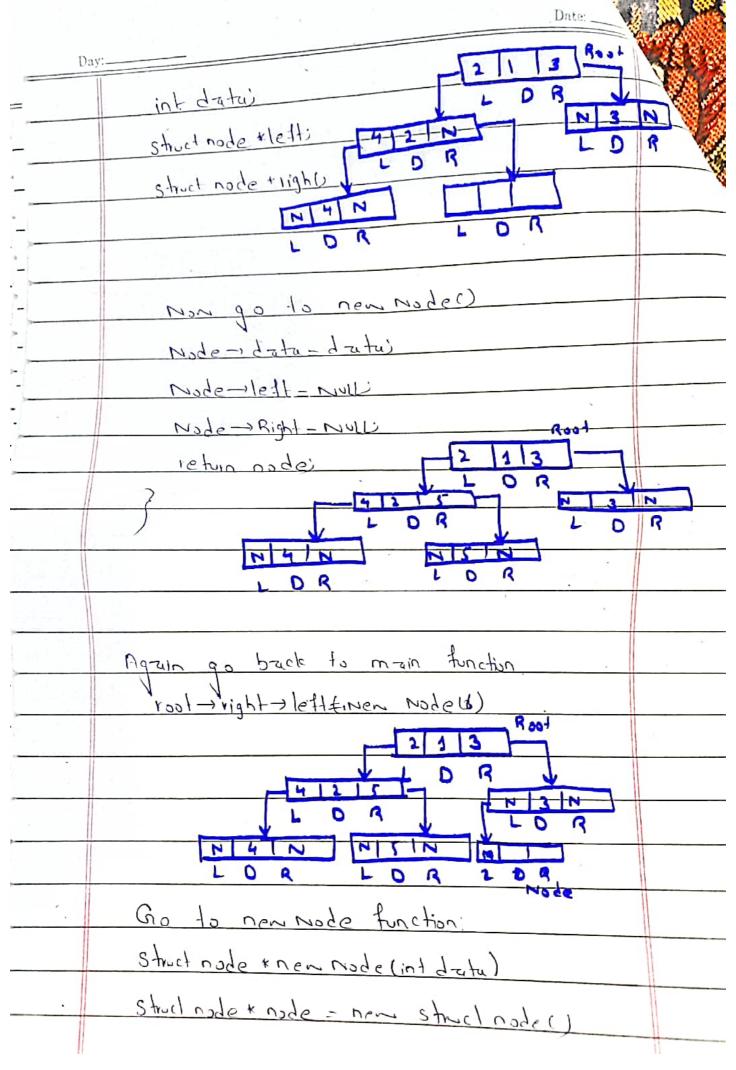
//	Date:	_
	go to the print proorder function	=
	if (root == NULL) -1 take	-
X	{ return root,	_
	}	
1	print postorder (root -> left) -> 2	_
,	noitibnos li of op airpa.	_
	if hoot == hour -> tolse	_
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	return root;	
	pint postorder (root -> light)->4	
Ž.	print 4	_,
,	Brok to the previous call	_
	print postorder (root -> right) -> 5 So there is no child of 5	_
-	So print 5	_
	: Non go buck to the root ?	_
	punt the data of the current node	-
-	: Back to the main root -> 1	- -
	Non call postorder	_
	print postorder (root->right) => 3	
	go to the print postorder	
	print post order (root -> left) -> 6	
	So there is no child of 6	

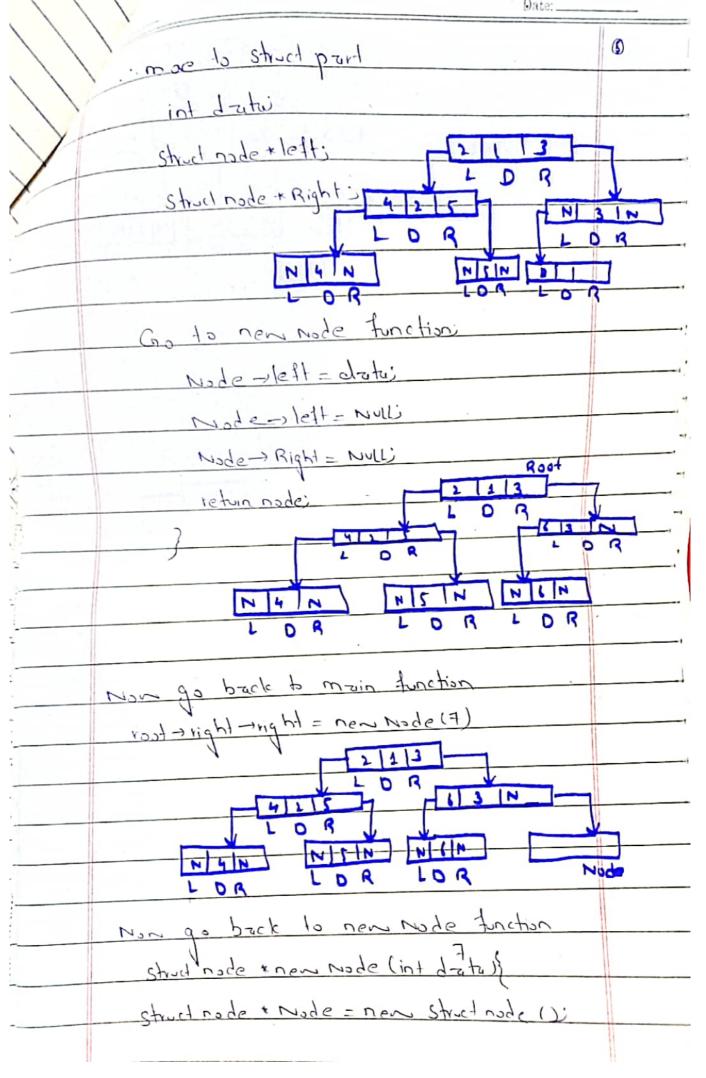


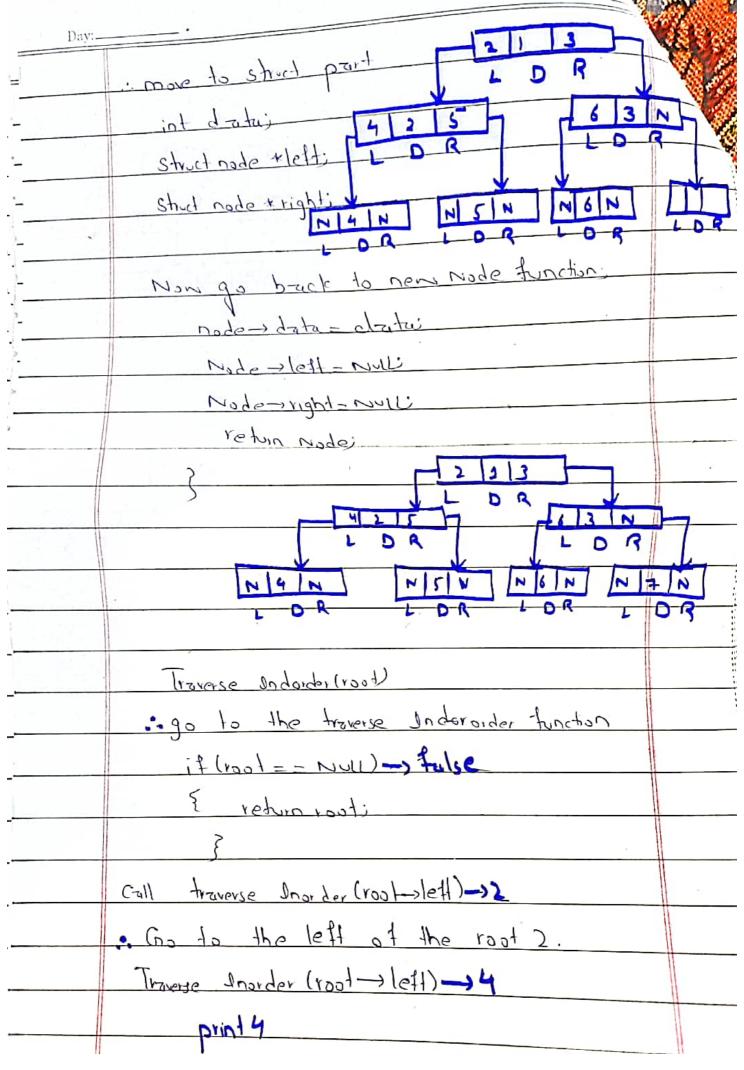












The state of the s	
Date:	<u> </u>
I le previous pade) priori	2
Go back to the previous node 2 phint	
2 and 90 to 118 right side.	
traverse Inorder (1001->righ1)->5	
Contestion date	-
print 5 4 2 5	
· Brick to the root 1	
Conterobt-1 data -11	
print 1 4 2 5 1	
. Go to the right child & then	
move b left child	
data is 6.	
print 6 4 2 5 1 6	
Go to the right child whose	
element or duty 1st 7 but first ne print the root 3.	71
Conterpot - data ->3	
print 3 4 2 5 1 6 3	
. Go to its right child a	
print 7.	· , .
print 7 4 2 5 1 (3 1	
output is: 4	
5	4
1	
6 3	
3	