	12)	Camlin   Page No. 39
	· /NO:	ate I I
Experi		
$\overline{}$	BINARY SEARCH TREE USING LINKE	ED CIST
	AIM 10	molemeny-
	will a meny driven c program to in	11000
5	a senery search will using linised &	m and
	perborn insurum, seleción, preworsal a	re starchone.
	ALGORITHM	
1	Start	
210	Enver choice bor choosing between, in	souron,
	deletion treversal sewith	
3	case 1: insert	
Ť	3.1 16 2000 = NULL	
	3.1.1 Allocale memory bor root	
15	5 3.1.2 set root -> daya = val	
10	3.1.3 ser root -> leber = root -> rug	me = NULL
	3.2 Else	
	3.2. No yal < root -> dara	
	3.2.1.1 call mout (tree -) lebt val)	goto mep3
20		
	3-2.2.1 call mover ( sree -) ryn, ou	1) goes suep3
4		
	4.1 rovi = NULL	
_	4.1.1 Node not bound	
25	5 4.2 16 val (root -> denu	
	4.2.1 set root -> lebt = delene (root -	Slebt val ) gowsepy
_		, , , , , , , ,
	Teacher's Signature:	

Experiment Name / No.:	Camlin Page No. 40	
Experiment Name	Date	
4.3 Else 16 val > root -> cruces.		
4.3.1 Set root -> right = delen (root ->	right val)	
4.6 clse		
5 4.4.1 Its root -> lebt != NULL and ro	of->rgm!= NULL	
G.ls. 1.1 set temp=moreor successor ( To		
4.4.1.2 set root -> clara = kemp -		
4.4.1.3 ser root -> right = delenge		
4.4.2 else	temp - actu)	
4.4-2-1 16 root -> lebt = NULL anerroot -	-srighi-= NULL	
4.4.2.1.1 Bree (root)		
4.4.2.2. cess 16 rovi -> lebi-!= NUL	ζ	
4.4.2.2.1 Set-root = 1000 -> le	66	
4.4.2.3 Else set root Ervot - srigh		
Sis morder queessor		
5.1 Repeat until par! = NULL and par -> l	ebl-[=NULL	
5.1.1 sec per = per -> lebe-		
5.2 resurs per, go w sup 4.4.1		
case 3 : slaven		
20 6.1 No root = NULL er root -> dance = val		
B.1.1 rewen roof		
6.2 Else 16 val > roor -> duru		
(-2.1 call reary (root -) right, val); goto sep of		
6.3 Ely could heart of they will a	or step 6	
Case 4: previous traveral.	,	
7.1 ro per 1 = NULL		
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	Camlin Page No. 4/
woeri	ment Name / No.:    Camlin   Page No. 24
<b>A</b>	
	7.1.1 Print- Per -> derner
	7.1.2 cal priorder (per -> lebe)
	7.1.3 call preorder (per -> right)
<b>Q</b> <sub>5</sub>	case 5. morder kruirsai
85	8.1 Up par = NULL
	8.1.1 call morder (per -> lebt)
	8.1.2 prine per -> device
	8.1.3 call morder (per -) right)
a	case 6: possosoler erwerbas
-130	9.1 No per ! = NULL
	q.1.1 call possorder (per-) lebt)
$\vdash$	9-1.2 Cell Postorder (per -> rym-
	9.1.3 prim- per -> deren
	pin - ) arena
15	·
	CONCLUSTON
	The program has been exerued wrreing
	and output has been veribled
20	
25	
	Teacher's Signature: