	Camlin Page No. 36	\Box
Exper	ment Name / No.: Date / /	\dashv
	BINARY TREES USING ARRAYS	
	DENOTINE TREES VISION PHINTIPS	
	AIM	
	write a nemi driver c program to implement	
5	benong trees wany corrarge and perborn	
	morrison, Dellection and sewich.	
		\dashv
	ALGORETHM	\dashv
1	Start	\dashv
20	Enur bree height, h.	\dashv
3	compute size = 2 h-1, all elements eye unitalized to -1	_
4	Enver due bor root, oreve tree brown root	_
5	Buildtree (i, item)	\Box
	5.1 sera(i) = wem	
15	5.2 No a Ci) has lebt child	
	5.2.1 Enter dette of left uned, new 2	
	5.2.2 call sureure (2i, new), you sup 5	
	5.3 16 a(i) has right child	
	5.3.1 Enter dans do right Chies, new?	
20	5.3.2 call builditree (21+1, new R), your sup 5	
6	searen (i, Key)	
	6.1 M a(i) = -1 or a(i) = /sey	
	6.1.1 Ma a Ci) = 1 Sey	\dashv
25	6.1.1,1 Set to c = 1	\dashv
	6.1.2 recumi	\dashv
	6.2 Felse No a ((search (2i, key)) = -1	\dashv
		\Box
	Teacher's Signature:	

, when	Camlin Page No. 37
Experiment Name / No.:	Date
6.2.1 call search (21+1, 1rey),	you siep 6
2 Enter choice bor nemy	
o case 1: mscranom	
8.1 Enter parent node of new no	ell.
8.2. call searces (i, purem), gow see	p6 more
location of parent in lot	
8.3 10 a(ws)! = key	
8.3.1 rarent noue not bound	ruum.
10 84 16 01 (2×Wc) = -1 07 9(2×Aoc+1	
g. 4.1 Mr msorton as left there	
8.4.1.1 No a(2xlor) = -1	
8.4.1.1.1 Ener data to N	nsvri
8.4.1.1.2 M 2x lor 3 M	
15 8·4·1·1.2·1 su: h 1+	# L T - I
8.4.1.1.3 set a (2×100)=	
8.4.1.2 Else leve chier is no	
8-4.) No insurior as right (mil	
8.4.2.1 16 $9(2x lor + 1) = -1$	
8.4.2.1.1 Enur della to	mseri-
8.4.2.1.2 Mr 2x (10) +1 >.	size.
4.4.2.1.2.1 Nu n++	size = 201-1
9.4.2.1.3 set a(2x loc+1)=	dare
8.4.2.2 Euse right and is	
8,5 else leve and jugar unitaria at	e not
empus	
Teacher's Signat	ure:

	Camlin Page No. 38
eriment Name / No.:	Date
New York Control of the Control of t	
ase 2: Delection.	
The state of the s	
9.1 entre search (1, node), goe s	up b, sore locuron
9.3 16 a (loc) = dans	
5 9.3 No 50 01.3.1.1 su- c1(we) = -1	
The Plant of PXIM C	u-sime level
9.3.1.2.1 su-h su	x = 2 h+1-1
9.3.2 Else duta is not a	lear were
9.3.2 Esc auta 25 100 esc.	M
10 q.4 Fire, noch dvernor esu	
case 3: seeven	
10.1 Enter mon to search	MANA More locues
10.1 Enter Marie (1, well), got	5 MAGO, 1200
10.3 16 a [wc) = nocle.	
15 [0.3.1 Nove bound	
104 Else not not bound	
NOP	
2700	
CONCLUSTON been es	eures correct
The program has been ex and one output has been	veribied
and me output has	
25	