## WEEK 6

		The state of the s			
	TALL	LK			
,	- input? 2 non-empty binary trees 5 and t 5 rout nodes - return type? boolean are diplustes allowed? yes				
	- return tupe? hoolean				
-	are dionicate, dilanosi? ups				
-	+ is null? return true				
	t and s can be the same				
	(ic)? the summer true if tis null else false				
	- s is nul? to the false false nul, else false nul, else false nul, else false nude has left and right node - Binary Tree				
	prode has tegt and right have				
	TYAAADIC				
	EXAMPLES	CLASS	DUT		
			course fake		
	S=nul, += 0	s is nul			
	S = 10, t = null	tis null	true tour		
	s=null, + = null	s and t are null	true		
	s=0 t=0	same tree	true		
	<u> </u>				
	s= 1) t = (2)	same valves, different struture	falte		
	2 0 0	Silmor			
	3= 0 0 0	same spruture, differen	false		
	1 8 B B	values			
			· · ·		
*****					

BRUTE FORCE traverse s and copy to array in preorder.

traverse to and copy to array in preorder

check if t is a subarray of 5. OPTIMIBE if a node in S has same value as tis noot node, Traverse to active rapped and their if some the 1111 WALK THROUGH 71 Input validation: return twe if t is mill one father if sis null traverse s check is value and its roots value falol 3 traverse s mal t at same time continue same? not same explanated in the continue traversing tree s Check for 1844 and right trees of s

Implement at ion

is Subtree ( Node 8, Node t):

return the false

is + = nul

return makes true

if is same (s, t) return true

else:

return is Subtree (s.left, t) 11 is Subtree (s. Right, t)

is Same (s,t)

if s = = hull zot=null

return fre

if s==nul || t==nul

return false

return s.val == t.val 18 is Samels. left, +, feft)

12 is same (g. night, b. night)

TEST		water grown and the difference of the commentation and the distribution of the company of the co
IN	6LMSS	oT.
S=ny/t=0	s is null	true
5= 0, += m!	t is null	true
s=nul, t=null	both s and t are null	4109
- D + - O	same tree	true
S= H) += (2)	same values,	falte
<b>6</b>	different structure	
5 E	same structure,	falle
0 0 00	different values	
		dadi distillusiridak puncipist foru (und suurumanappipun uppate sekakeum - eng ka ekikeuning