9=2 which no other enteger WHONE = [2,5) can be goverted TC1(1) [-1,2,-1,-1) 9=1 atoux [2,5,8) su=[-1,5,2,-1,-1 Dead & 9 why? why 9=0 NOT Q OT 13 Had [2,47 thris sed know when ser = [2,5,2,-1,-1] a node become jety BPrany search tree 91 node.7 so the condestron a barany tree: was Low = hegh become properties er about that node is Left hubbres of a rade contains only noder with keys werey called as leaf where than node's key. no more value can be guerted! wood the right subtree of a node for low: node - 1 that's worstagn only rade with Key geneater than nodel key for kigh = node +1 / cow the left nustree & right det calculate for ? subtree cach must also be a · Low of 2=2-1=>1 Bst hagn of 2 = 2+1 => 3 problem: 40 Both 1 & 3 aris Gover a Benony Search not present on the Thee that contains uniq tree to a han have - LE portère antopre values chald turther Greater than the tack es fond of the BST contains a dead end. Here Dead End mean left hode as DOMS

11

next too (13) (3) Recurre calls Record for left Atabtree low for 13=> 13-1=12 with updested song (www, high to (13 =) 13+1 = 14 X+1) both 12 & 14 are Receive for segut mebbres not present monthing with updated rough [x+1] they can be a child of 13 80 13 connot be the per leaf node @ 58 Stres mother return True sele seturn folle W Mode Low high Low = hop? Left next Re then come a " X, check t check V cow for 9 => 9-1 = 8 return 9 X Check 2 Non M hegypor a = 9+1 = 10 return 9 7 Doth 8 & 10 are alrea NO V -dy there on the tree checke checkes 9 9 98 there meaning began = 1000 9 cound be deried further 80 9+ becomes teme complex O(N) acadend. Space complex O(H) e) 9,8 NO no can be 9 netted potwern low & Made (6== 8), (D) Set-Boued Approch (wing 2 rd) Alexante 2 remi all rady & Apporach War-fall (1) RECLIPAGE RANGE - BOXED 138 TROWERS HE BET to the thep Approach (DFS) ster (1) of the nover none yetem Add every noce to all nodes table is dead end found Oca about to 38 a voca ou 1) PP can = NEOM ge turn tree a way add at to leap-rade dead grapperd

(3) Check for Dead Ends:	The state of the s
for each hab rode to	
check of both x-1 & x+1 exits	A STATE OF THE PARTY OF THE PAR
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end found)	
10 Return falle of no dead	
ence ender.	The second secon
Et : 181 - 1	
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all rold = {8,7,10,2,9,13}	
461, P, 63 = Hoon-Jan	
real war x-1 gains x+1 grays.	Dead EN!
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