## HEZGHT & DEPTH

Some code of DES for graphy ##0

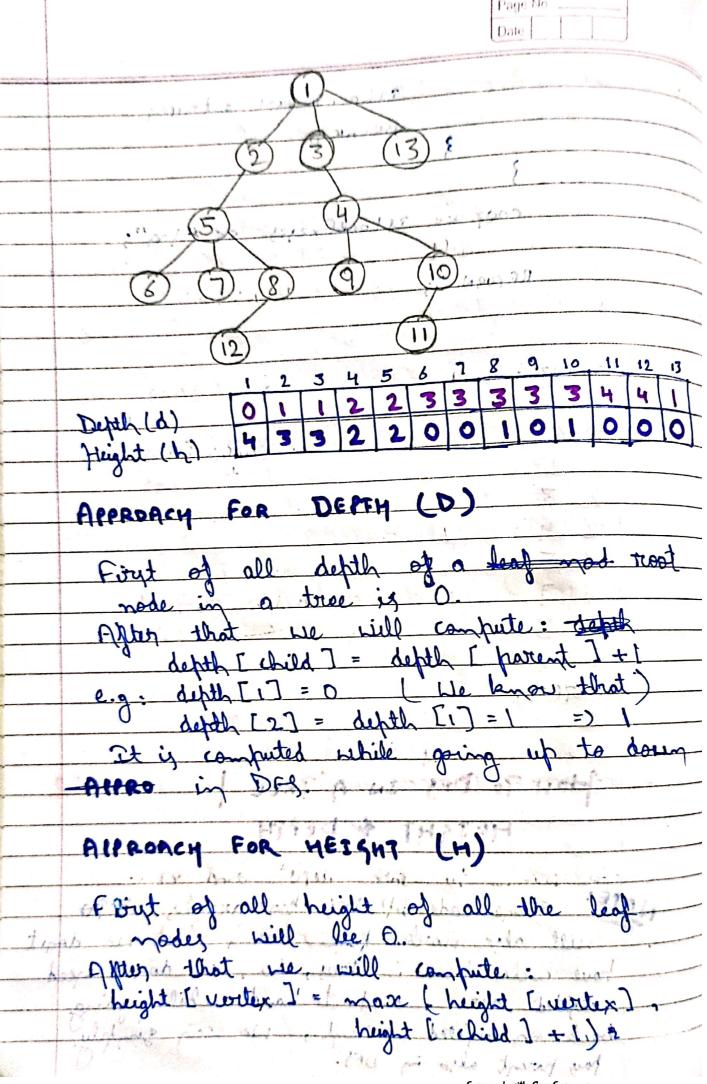
will also work fine here, but we don't need

have cycles here in trees, so, we don't need

wigited array and to hande child going

look on vigited parent, we can simply

how parent also in DES.



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A STATE OF THE STA	e.g: Let: 3 suppose we have to find height for vertex (5).
and the second second	height for vertex (5)
	Page Charles Carried 19 19 19 19 19 19 19 19 19 19 19 19 19
	= sheight [5] = max (height [5], height
	=: sheight [5] = max (height [5], height  [6] +1)
	O mitally O initially O initially
Y. Y	Tanglan ESUE
	- height [5] = max ( height [5], height [7]
	[7] theight [5] = max ( height [5], height [7]
	ullartini 0 Hope 1 - [5] thouse (-
	-) regul 65/= 1
L rep	-> height [5] = max (height [5], height[8]
	+1)
N . N	1 now of height [5] = 2
	ob height 151=2
	It is computed while going down to
	wh in DES.
	-> Marking 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	CONST 3N3 N = 105+10;
	-> Adjocency list
-	VECTOR < 347 > G[N];
+	- Arrivery to store depth and height (
	( (lodalo ro) O alike bigilartimi pravitio
	SNS DEBSH [N] - HESGHS [N];
	VO3D DES (347 VERZED, 1347 PAR=0)
-	

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	- Take action on ventex after entering			
	A Grant Andrews Co.			
	GIVERIE GIVERIER			
1.1	For (2NP CHILD )			
	Taked action an child			
	the child mode  TE (CHILD == PAR) CONTINUE; 11 3/2/1/2/2010			
	11121100 2000 (1000)			
, in	DEPRICHED ] = DEPRI [VERZEX] +1;			
-	DES (CHILD, VERTEX);			
	- Take action on child after exiting			
	child mode.  HERGER T = MAX (HERGER),			
11	HESGHE LARGEN LE MAN (WITTHALL);			
	- Take action on vertex before exiting			
	the vertex.			
at si	3 was group street to to the			
	345 WESN ()			
	312 m; -> Poloing no of nodes as input			
	(3N >> n;			
	- Greating Adjacency list representation			
	of true			
_	FOR (3N7 1=0; 1 < m-1; 1++)			
	(20) - 11 > 12; 15 16 16 17 01 17 01			
	C3N >> V1 >> V2;			
1	는 10년 - 1 : 10년 10년 10년 10년 10년 10년 11년 11년 11년 11년			

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**************************************	q[v1]. PB (v1);	
	June 1 market market and the	er e
And the second s	Les minus and an early	1 1 1
Luc	DES(1); -> calling with fund	lien word
19.00	middle to it to the a	eus 6-a
	-> liening the height and coup << (D) << (C) << (H	death orray.
4	coup ex (Direc co ", ex "H	1. ec "   n";
	FOR (347 l=1; i's m; inti	3
170	1 290 6 - 111 Will be	1- Mast
no his	Coup ex DEPRH[i] << ""	ce HEZGHT [i]
	<< (c   ~ 1";	town!
	3 to 319 suig Miss die	T. tut
-	101 = (M.U) = -301=A	
(25)	REZURN O:	
-	3	
- Bridge	the section of the second of a	ar all
J.	INPUZ: Ouzluz.	-asvid
	13 D H	
	ali-2+ ralled this or 4.	\$ 880 cac.
- 1	1+3ild michigh for 1 130	ldo
	1 13	into to
	2 5 2 2	
	3 4 2 2	
	5 6 3 0	A second
136	5 7 0	
	5 8 3 1	
	8 12 3 0	
	4 9 3 1	
	4 10 4 0	
	10 11 90	And the second s
	1 0	

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