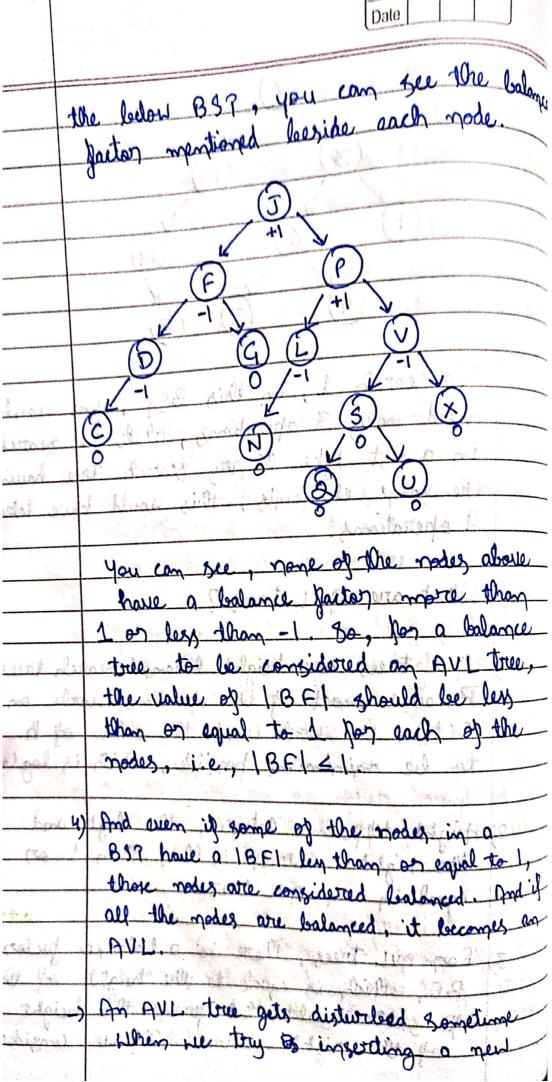
e are told to create a Binary e the numbers were 1 write them

			Page No	
AV. 1334	This is indeed a shere	Binary ge	most true,	though
	any of the Tu	its of	laire has	Q
dry Impila	tree. But any of	O(m)	But we	expected 19
	Something more dense. AVL tree is	Hell, the	t is what	t an
	An Ave true is		Apra	
(Almost real athe	001.9 = 700	11	stu.
Leave, re-	Leater tree	خو الع مان	raen UCh	were
1 7	h is the height	L Page;	8 P 200	.0
	this height	on get as	high as	<u>π</u> ,
Maria P	where n is the	eved tree)	July 1	<u>m</u>
(3	So, to guarantee	· An whhe	Le secolo co	0)
in in	O(log n) hon (trees.	operations	WL
<u>_</u>	This is actuall	y yera k	machical 6	2
	- June 1	NIZEX TUNO.	llara all	1 a Villa
	toking more time true below.	me Con	siden the	zearch

		Page No
	8	
	(3) (10)	
	1 (6)	(14)
	(4) (7)	(13)
	To search 1, in this	Bas War ward
	need only 3 operations	, while to seatch
	in a list type bimary the same elements, the	is would have taken
614	9 operations.	Sec. 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (
	What are AVL trees?	a sount
. 48	AVI trees are height !	salanced search trees.
46	Because most of the or O(h), we would want	periations Hoth on
	to be minimem passil	ele, which is log (n).
2)	Height difference between	the left and
- ren()	the tright zulitrees is	And the state of t
71	For AVL trees, there is	a largance pactor
	BF, which is equal to	the height of the
	BF, which is equal to left subtree subtracted of the right subtree	If we consider
The state of the s		



		Page No
	element in it. For example of the transfer of	mple, in the above
7 Alba	Z at the end of the	01111
	Du Duringera paccar) gets	undated box and
	by we made following	above and the true
("	is no more an AUL to	tue.
1/6	(J)	
Company of the Compan	Contract Con	
45 stan	(-2)	/+1
	(a) (L)) (V)
	/-2 0 /-1	oto St. Tago
,	(c)	(S) (X)
	5) reach of the first	dd (1)
	0	0 0
wi		
	And to avoid this unle	alancing, we have
	This helps maintain the	on in AVI trees.
- [4	modes even after a me	en element gets
44	inserted of the single	DE ARA HE DON'T
49. 4	and the same of th	The state of the s