	Page No.
	Homework 9.1
	HOMESSON F.C.
A	
Aug=>	Proof by contradiction
	Let there exist a non every empty AVL tree T such that
	LR(T)>1.
	LR(T) 71.
	i.e no. of nodes that are only children > mo-of nodes
	d.
	Now we know that only child node is always a leaf.
	(Otherwise its grand parent node would not
18000	be subate balance!
	Di 201 101 100 100
	De-only children is internal
	Every node would have a parent and every ine there
	Every node would have a parent and every i've there
	will be at least K+ K= 2 K number of nodes.
	the only child nodes 11 which contradicts
	total nodes 2
	the assumption.
	and the same of th
	Henry C
	Hence for every non empty AVI tree , LR(T) < 1
	Hence Proved 1
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