	Homework 10.1
and of	- Le core on a Till elected be done on the legiste
Ans=>	Insertion in AVL tree is carolled as follows -
	Search for the parition where element should be.
	Insert the node.
169	This may a upret the balancing property.
	we traverse up the tree till we reach root or the node
	where imbalance occurs and do the nota
Cest .	Do the rotation if imbalance is there and return.
	Wit the a teat.
Note:	Once fixed, we don't need to go up till most as
Corect	of balance me is allow what wood,
	the oclogin for AVI tree.
	O(logn) for searching and transming up (if necessary).
- Control	O(logn) for searching and transming up (if necessary) O(1) for inserting and recordering (if necessary)
	>> Total complexity O(logn+1+logn) = O(logn)



