	Experiment 48 Shahwat Shah
	60004120126
	TYBECH COMPS B
-	Aim! AB Tree Deletion
-	
	Theory: Deletion in a red block there is a bit more
	complicated allen insertion. When a node is to be
	deleted it can extrem have no children one children or
	trop children. Here are the Steps involved in Jeletry
	a node in a red-black thee.
	- I the node to be deleted has no children, simply
	remove it and optate the parent nod.
	- If the node to he deleted has only one child replace
	the node with it shild.
	- If the node to be delated has two wildren then replace
	the node with its in-order successor, which is the
	letternosi node in the right, subtree then delete the in-ord
	successor node as if it has advert the child.
	- After the node is deleted the red-black properties
	might be violated. To reston those properties some
	color change and rotations are performed on the node
	in the tree the changes are Similes to those payorand
	during insection but with afferent conditions
	- The deleter operator is a red-black tree toky 0 (109 m).
	time on aware, making in a good choice for
Ĵ	seasony and delety elements in laye datasets.
/	conclusion: The implementation of red-black these deleter aims
5	to maintain the balance and programme use node efficiency.
	men graeney.