	Date: Page:
	Write-up
	Red-black tree (insertion)
	Let x & newly inserted node.
1-)	Perform standard BST insertion and make newly inserted
	node as RED.
2)	If x is not, change the colour to BLACK.
2.)	If colour of x's parent is not BLACK and x is not the root :-
	a) If x's uncle is RED,
	i) change colour of parent and unde to BLACK
	ii) colour of grandparent as RED
	iii) change x = x's grandparent, repeat 2 and 3 steps
	for new x
	V
	b) if x's uncle is BLACK,
	i) left-left case (p is left child of g and x is left whild
	of p).
	ii) left-right case (p is left child of g and x is the right
	child of p).
	iii) right-right case (mirror of case i)
	iii) right-right case (mirror of case i) iv) right-left case (mirror of case ii)
	V