

DAA

Assignment 1

Submitted by:

Srividya Krishnakumar

CS6A

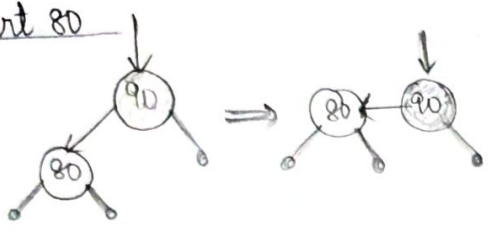
SS

Q. Show the Red Black Tree that result after successively inserting the values 90, 80, 70, 60, 50, 40, 30, 20, 10 into an initially empty tree.

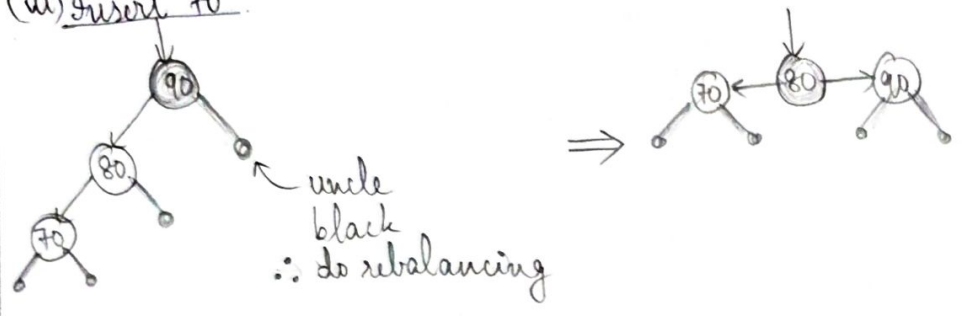
(i) Insert 90



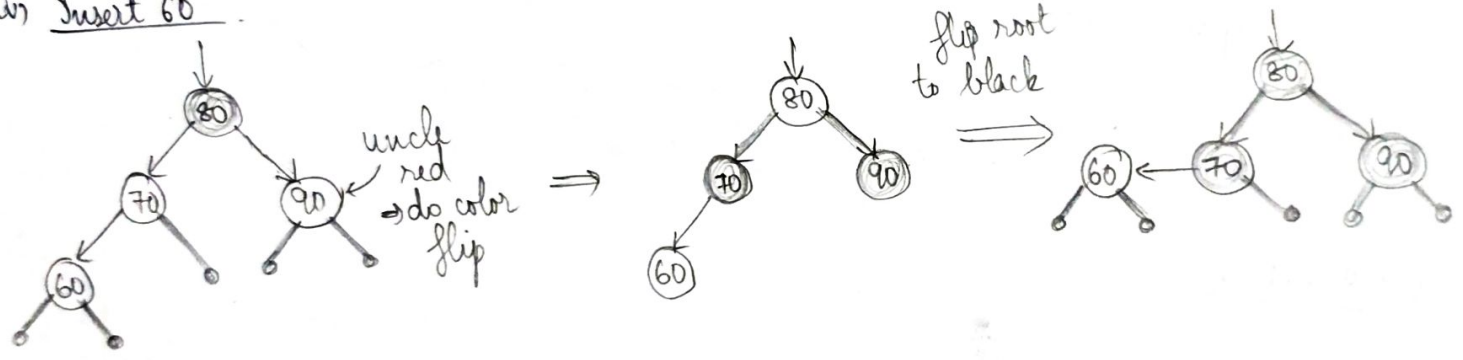
(ii) Insert 80



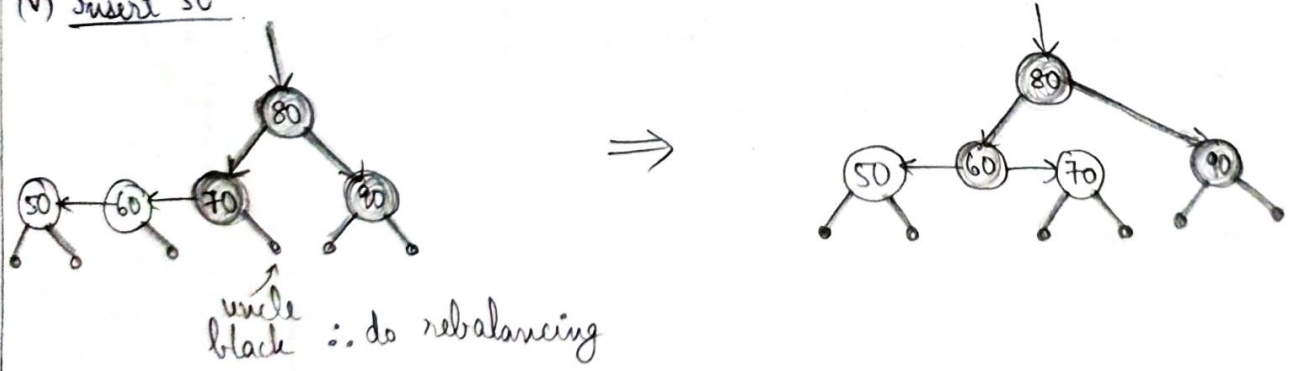
(iii) Insert 70



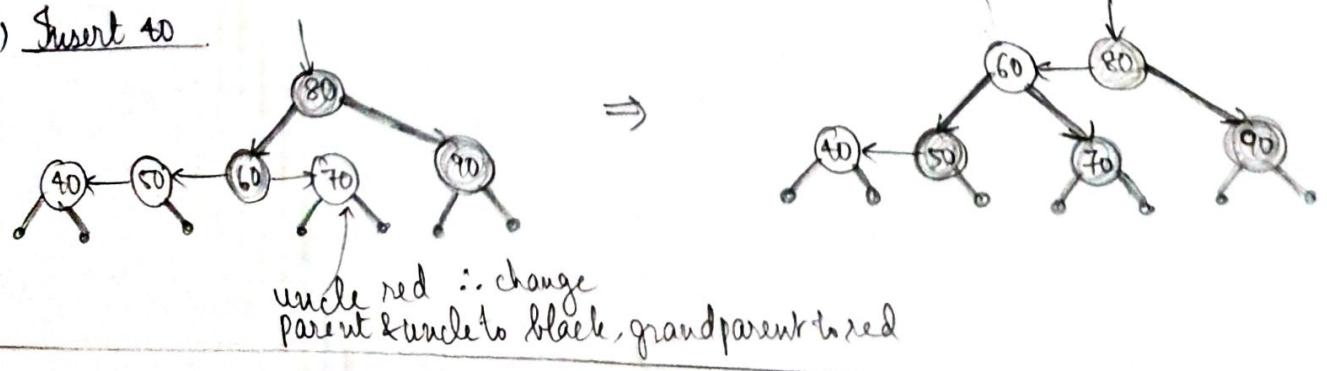
(iv) Insert 60



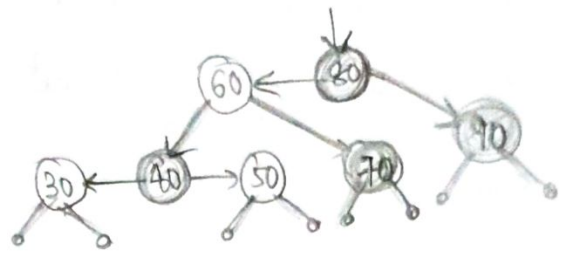
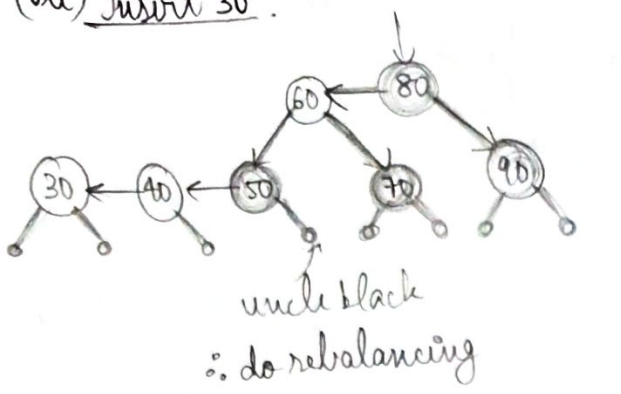
(v) Insert 50



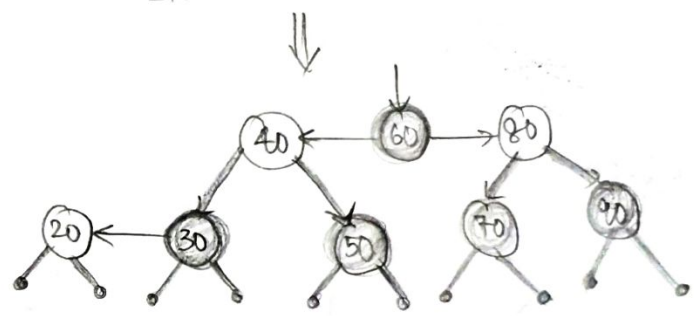
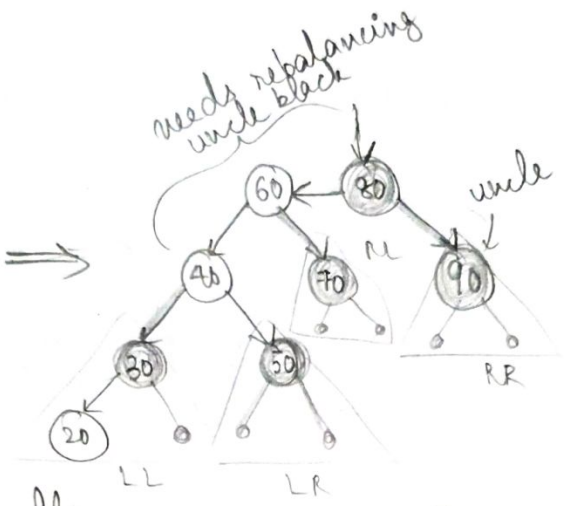
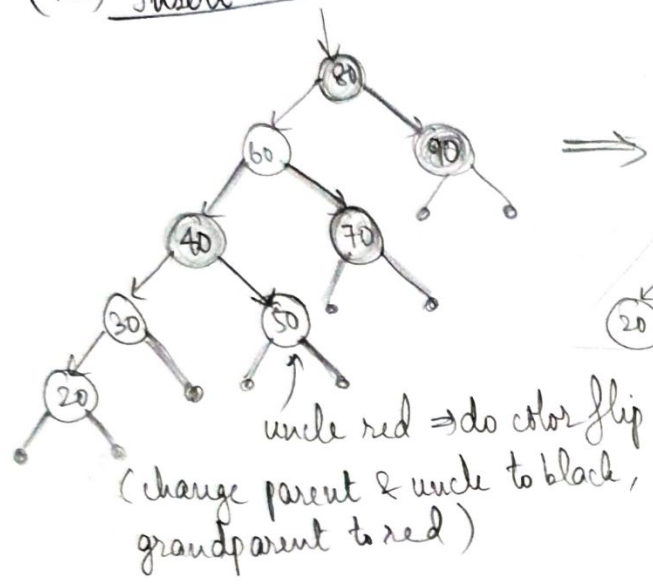
(vi) Insert 40



(vii) Insert 30.



(viii) Insert 20.



(ix) Insert 10.

