" SPLAY TREES - Loosely balanced BST

Insert/Search - Promote the element inserted/ Searched as the root node

Delete - Promote the mode whose child has been defeted to the root posm

SPLAYING / SPLAY A NODE Ly make / propogate that node to the root position

Promote a node to its GP

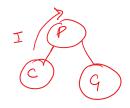
C P GP Child Parent— Grand parent

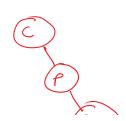
1 small Step

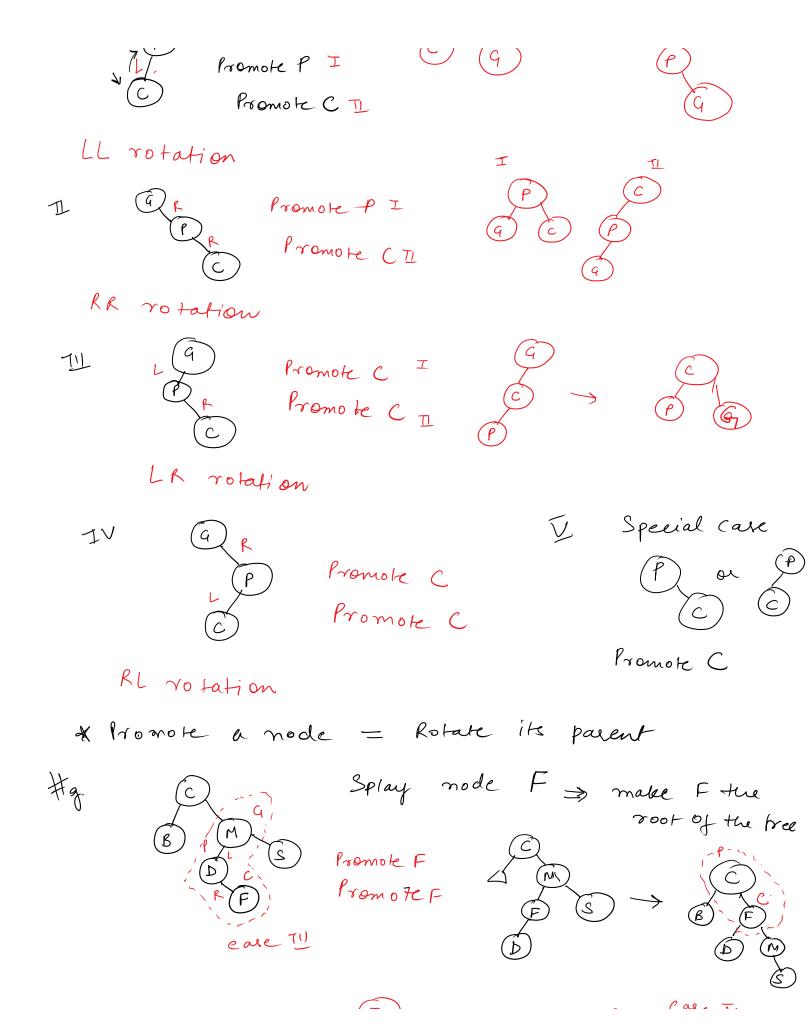
Node will be promoted to GP

Orientations with respect to the GP

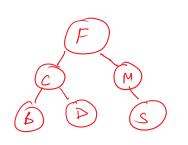
I Promote P I



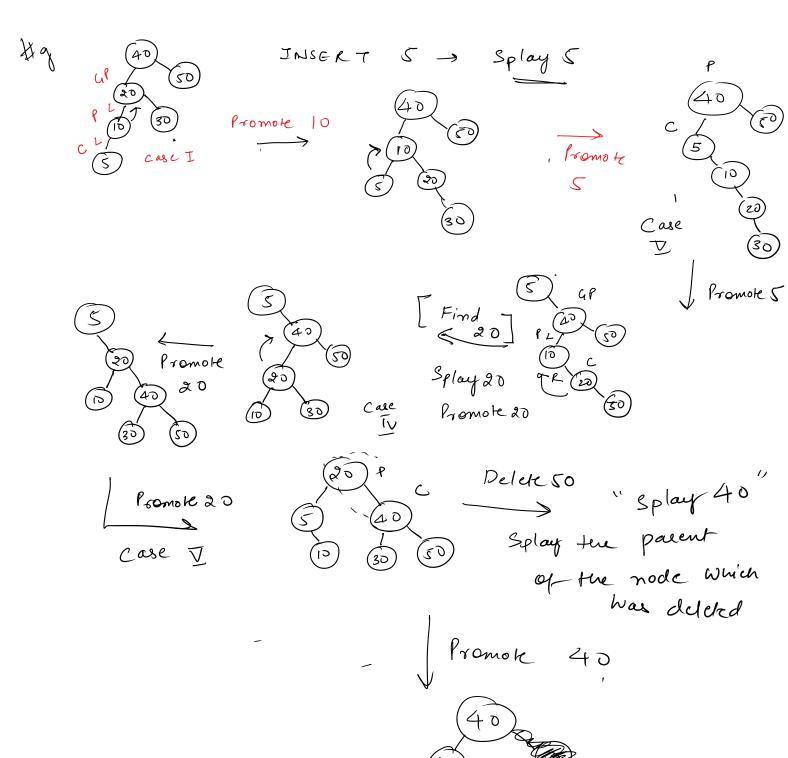


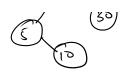






Promote F





, * Not balanced tree

* Locality by reference

X Mem Overhead VS AVL trees