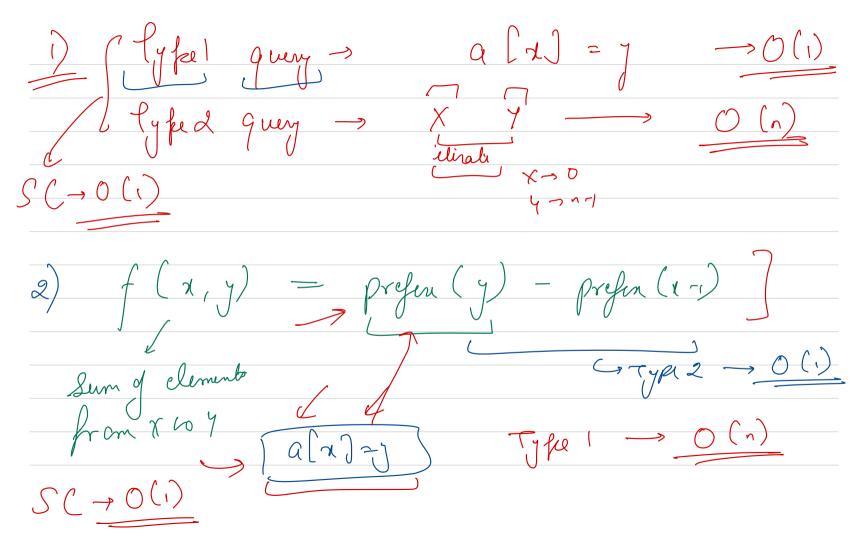
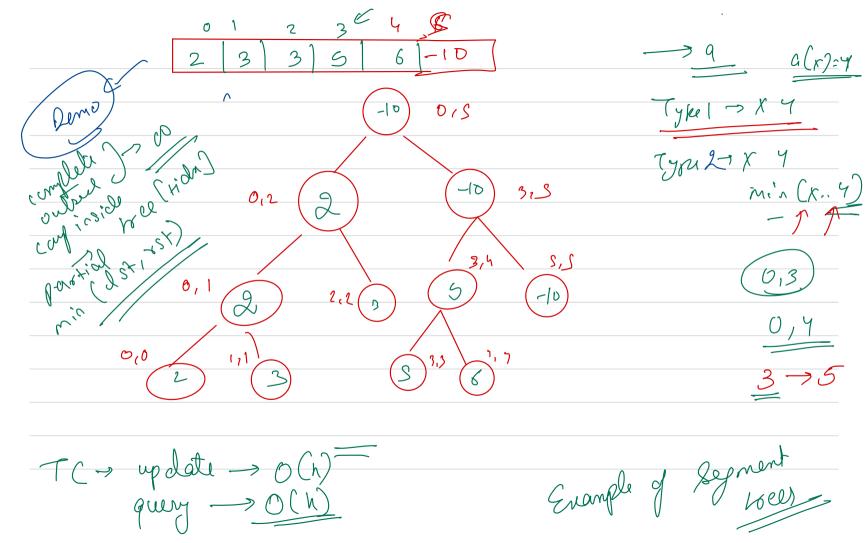
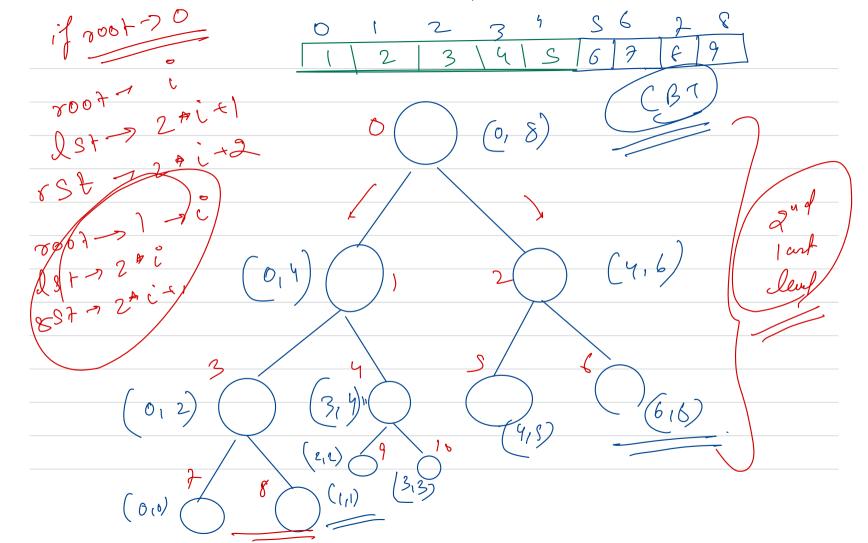
Des Crumen a list of integers and a guerries, In each query you will have a lyte a (x) = 9 Type 1 -> X 4 Sum [4...4] Type 2 -> X 9

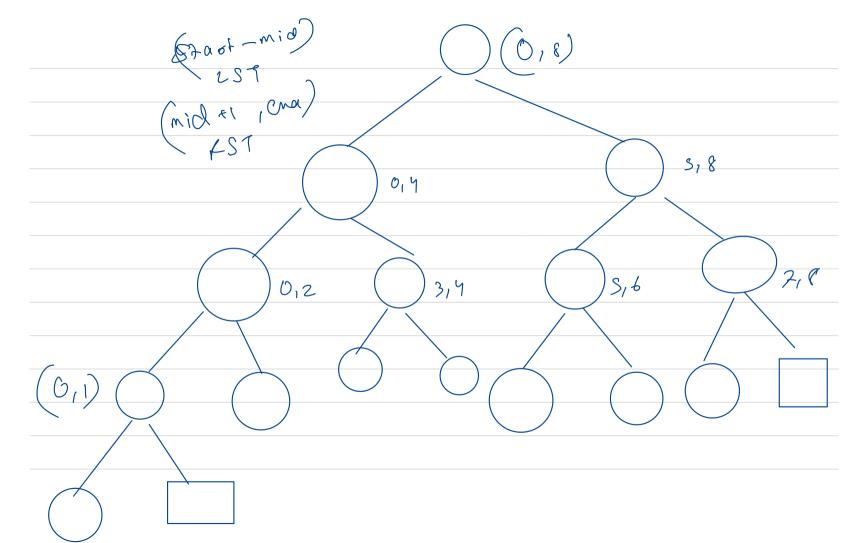


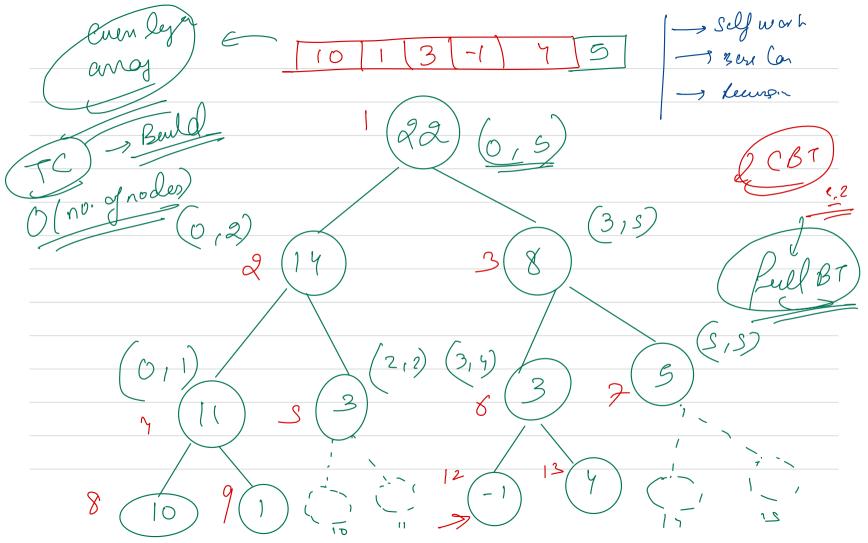
Segment Trees -> We represent degment trees
as a hieraraly based DS, but umplement in

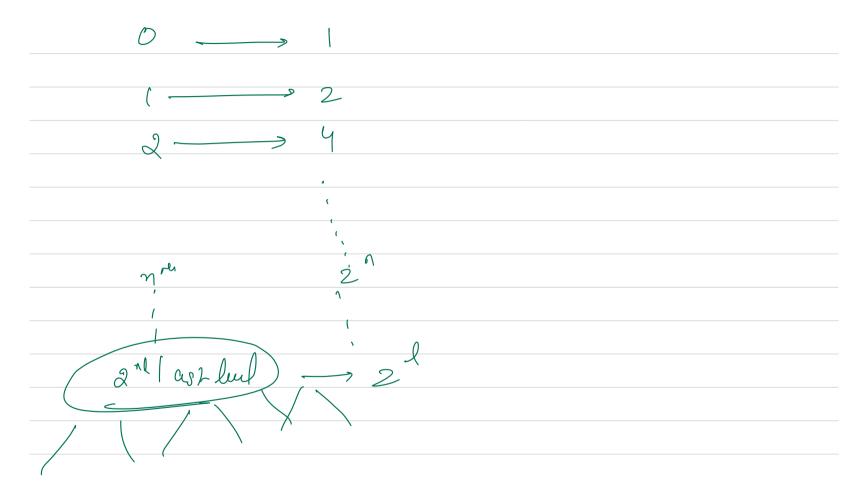


Each node denotes some segment. 1) if the range denoted by the rode is completely in side the range denoted by guery, then this whole node is useful. Return node value. range denoted by the rode is completely 2) if the outsich the range denoted by guery, then this node is useful. Return Owhole

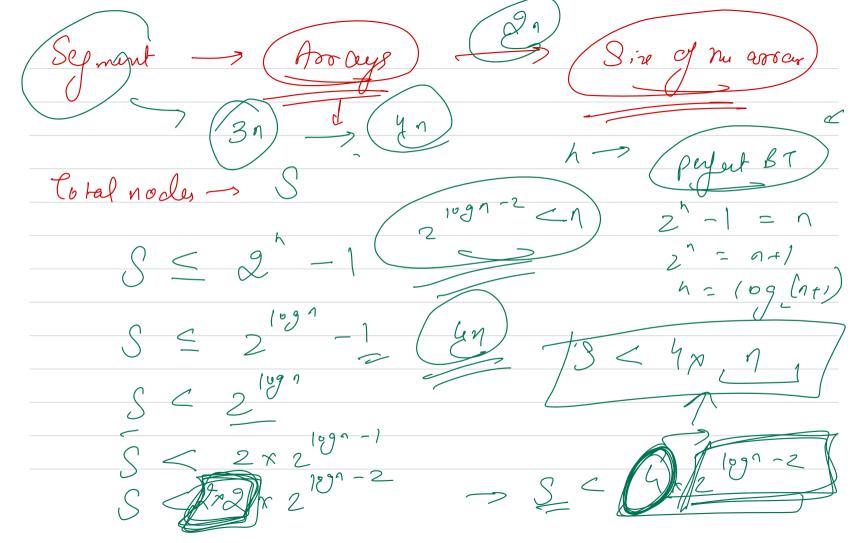




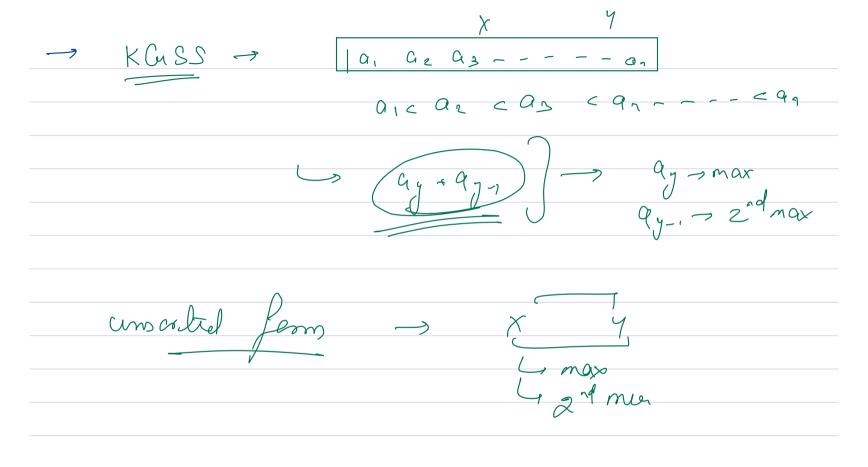




70 rel noch InalB7->







Par each degenent > Pend the max & 2° max root -> max = max (lst.max, rst.man)

root -> 2 max = max (lst.m, RST, 2m)