AVL ISEES Insertion & Deletion Kerishnaparad V 1 BM 17(5047 14.10.20 insert (prodpikey). 1/ pulson normal BST inwho il (! medte) return Tree Node (Ky) elx of (Key < node > val) node > left = insert (node > left, ky) else if (Key 7 note > key) rode > right = insoil (node -> right, key) // uponte hugh of ancesty rode node -> height: It man (height (node-stell), height (hits pt)) // get bolong lador balance get Balance (no4) 1/4 cm) (bodore 71 th by Indestell stey) 11 left solven left koht (note) [(belone < 1 Ad by Frod > right step)

som sight Rotate 1/ 2/h [bdance 71 db ky 7 not 3 sight stay // right loff note > sight = sight Robote (note > sight)
sutn left Robbi (roll)

by knode > right > ky) node > right - sight foote (note sage) setuan role Delete delete Vide (Noder poole, in ky) il (Mode == NULL) rdoen not if (key < pode > key) mode > left - Lifet Not (notes left, ky) else of (My > mosts) ky Problem Sight: Subst Note (mode > sight by) il (modestelt -: NULL | note > sight :: NULL) { Node tent and > left? modes left , modes oft; if (temp : NUM) tend - all Mode - NULL a mode = nonp Note by market may (not sayet) nod , by . try > key rul or yet - belonde (rubs pt, by-by)

il (node = = Noth) Rode > hit: 12 mar (high (rod) W), byll (rodespil) // balang balar - get laly (roll) [(bolance 71 LA get Lord (mobs //) 7:0)

notin tepperty (nd) the of (balance 21 th gullar (make > H) <0) 1/ sight Letin and night Robot (Ande) // left ry if (balance 71 kb get Balance (prode > left) <0) mody > left - left Rotate (nodes left) selm right loky [(b alove 2-1 let get balance (rod-> oright)>0) nod -> Agd -, sight Roll (soit >> gH)
selm left Rolling (HH)