Red BlockTone Instation P.SAI DEEKSHITH IBMIRCE IND Void RBTnee: innert (court int & date) & Node " pr = vero Node (data): good = BSTI mont ( most, pr); fin Violation (mot, pt); BST In wil (Node \* most, Node \* pt) & i) (not == NULL) subvompt; () (pr -> data / nost -> data) { noot -> left = BSTINSENV (enotableft, pt); good - left - parent = good; else j (pr. o data > mod o data) { most sonight - BSTiment (most sonight); mod - anght => parent = moot;

canc A . Perent of pr is left child of Gorand Peresty carel. The under of phis also red only-recoloring required core 2 ipt in sight child of its bound by notation beguined. Case 3: pt is caftchild of its forest mightquotation required: Corse B: Parent of pr is right child of Ground-parent of pr. Cone! The unde of pr is also ned only needotning is segmined. Carez: pris left child of its forest Right onotation in Fregnand. core 3: pr in engly child of its parent then left autotion in Fegured.