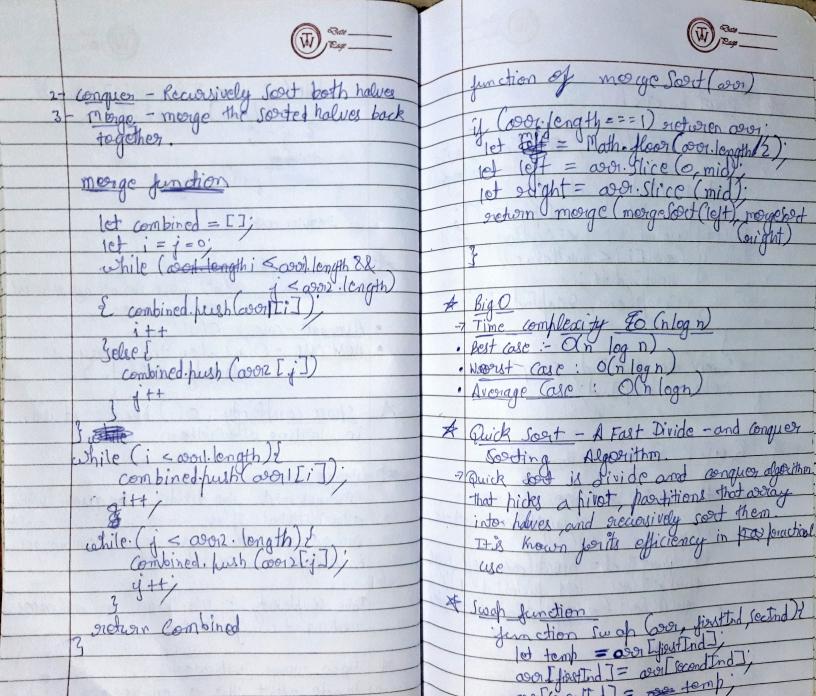
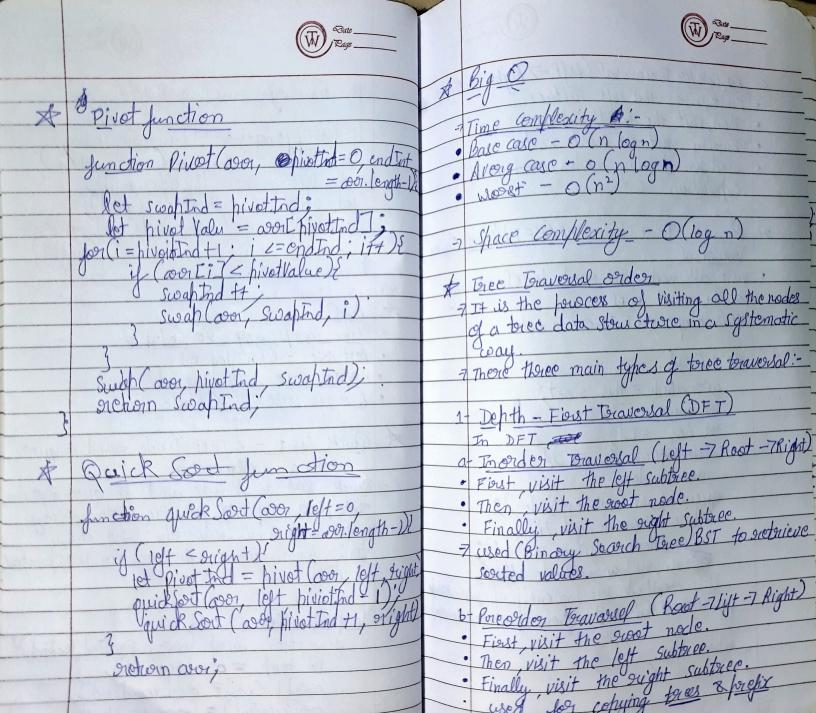
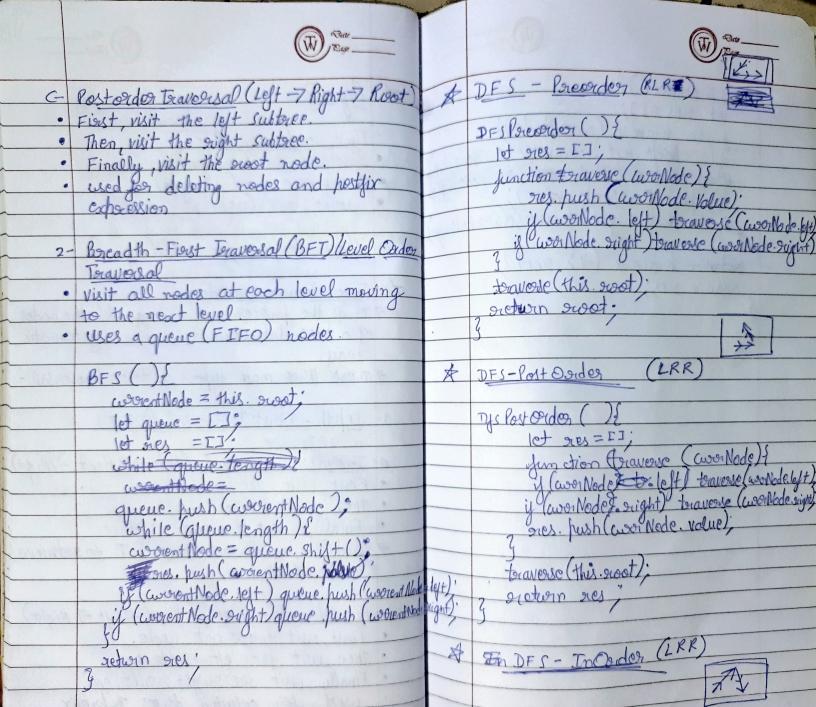
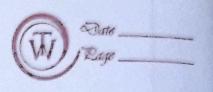
* Morge Sooct Morgo sout is a divide - conquer sorting algorith that Splits theoremay into smaller subarrays, souts them, and them morges thack together in souted sorder Time Complexity = o(n logn) in all cases
making it an efficient How monge sout works in Divide: - Wit the asolay into two halves









As In Oorder () { let ones = []; Junction towards (coor Node) {

J (workodo left) - barverse (workede left) worker sught towarde (workede if (wor Node oright) to cavers c (woo Node oright set wom to coworde (this root); sictuain sies;