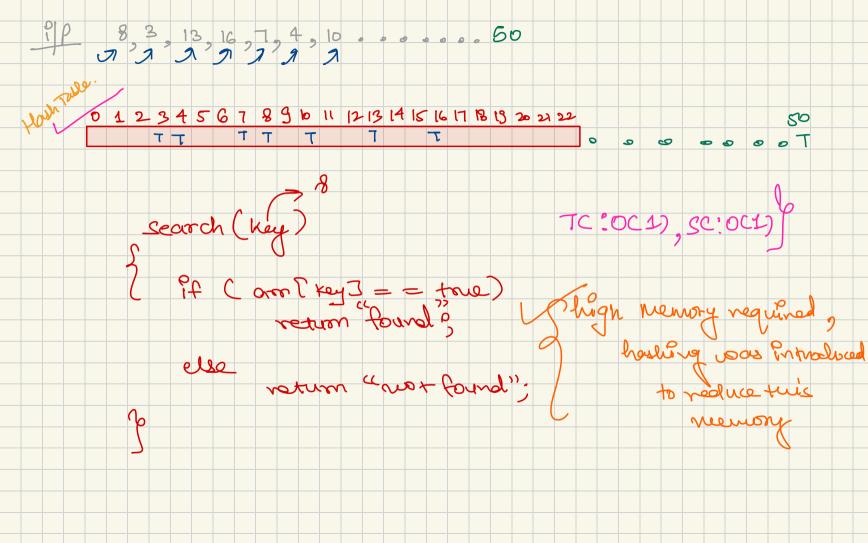
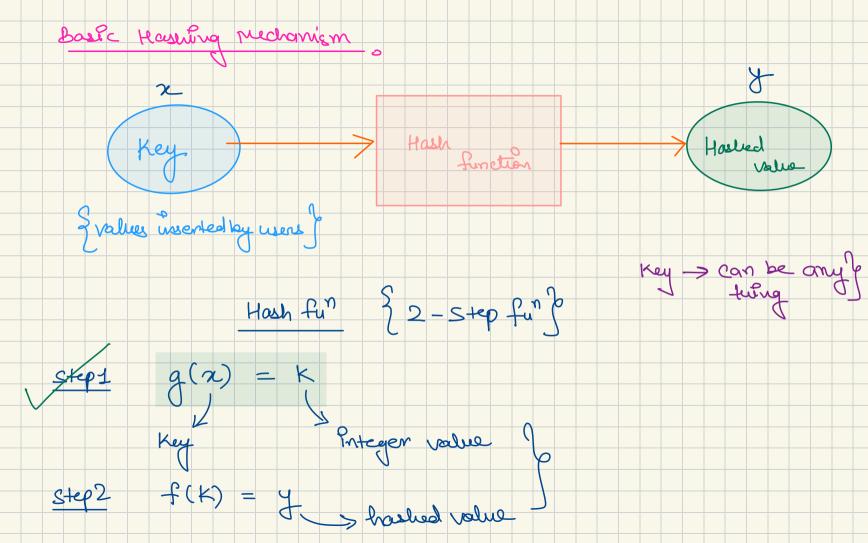
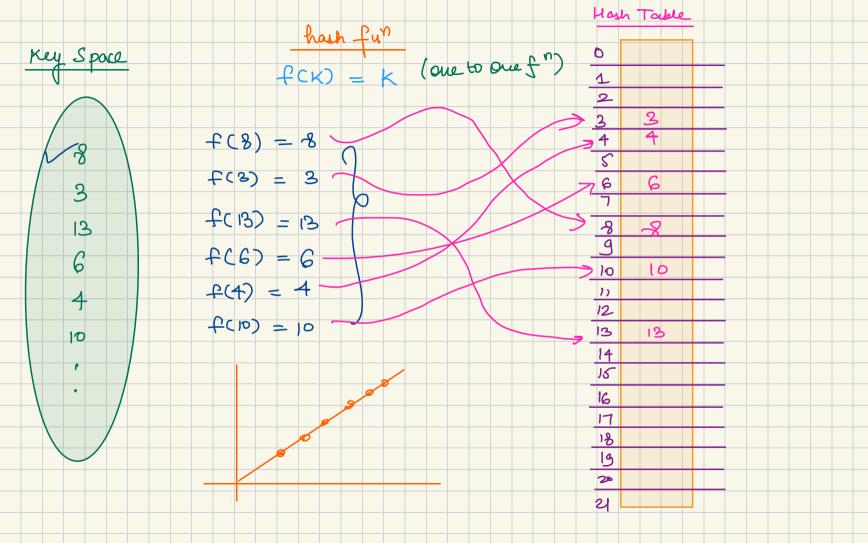
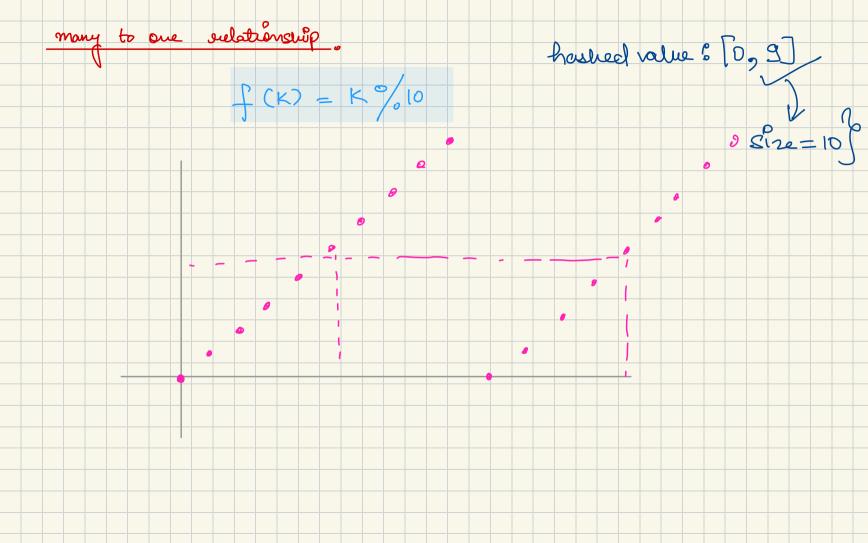


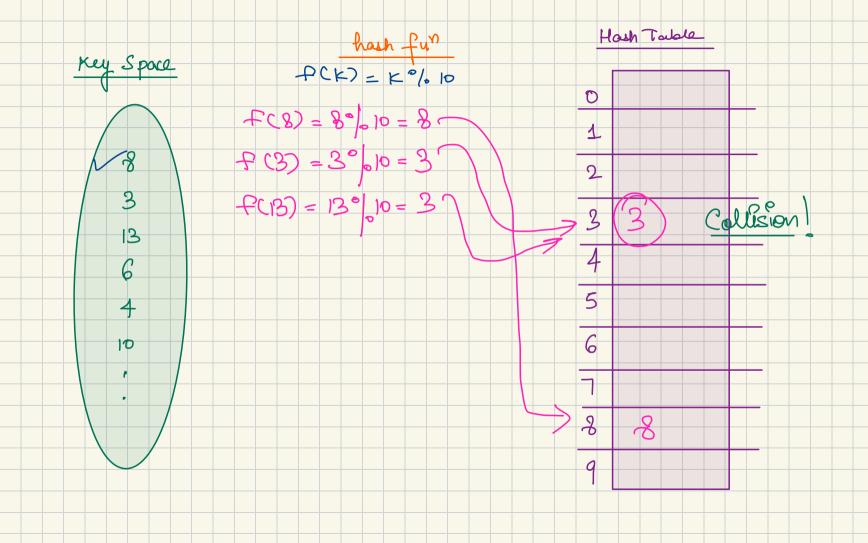
Hashing & Theory & Searching (TC:OC1) A technique for searching purpose (1) Linear Search TC: O(N), SC:O(1) Tc: O(log w), Sc: O(1) (2) Binony Search



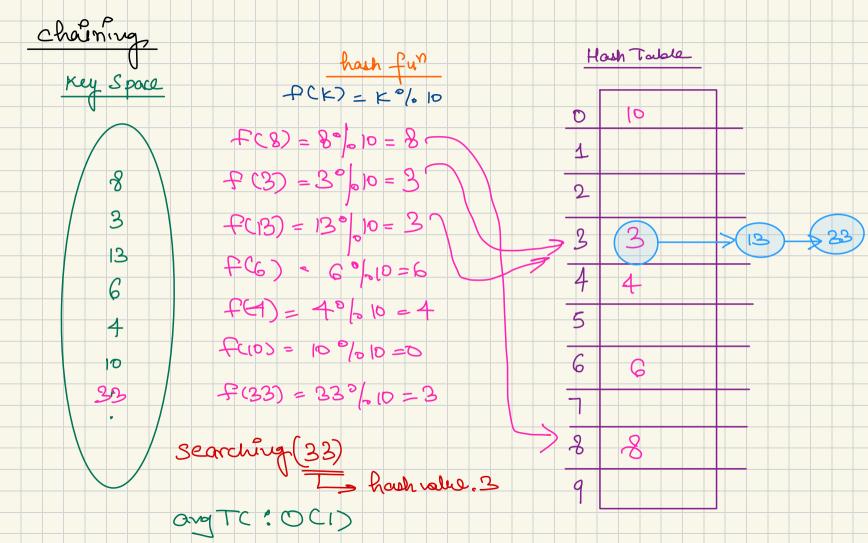


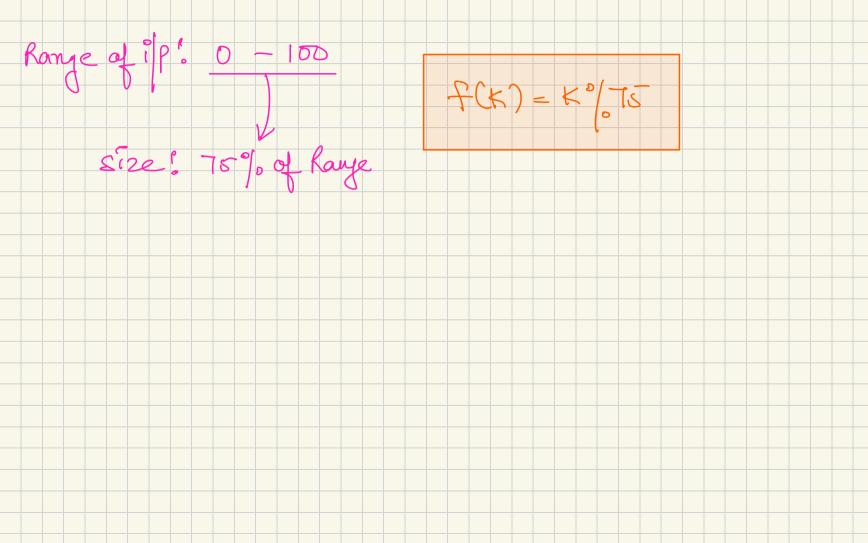


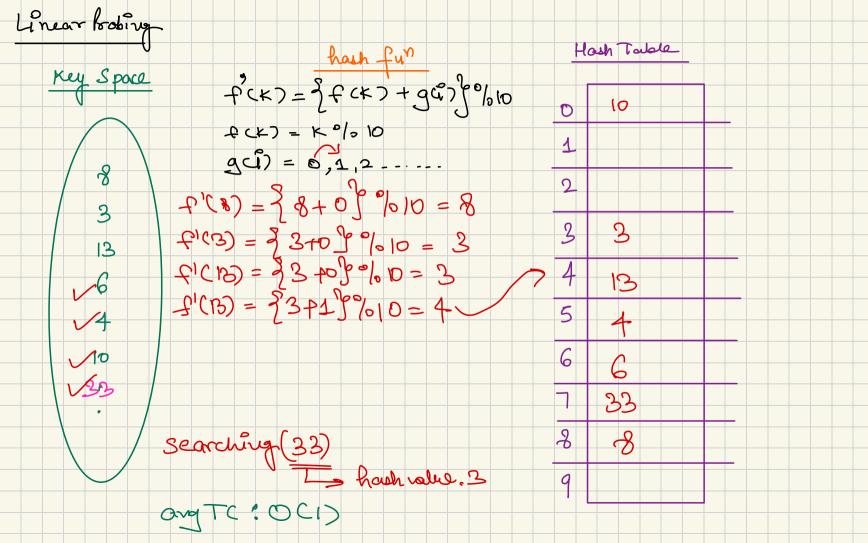




Methods to venoue collision open hashing Closed hasting (10) anear Probing
(20) quadratic mobine

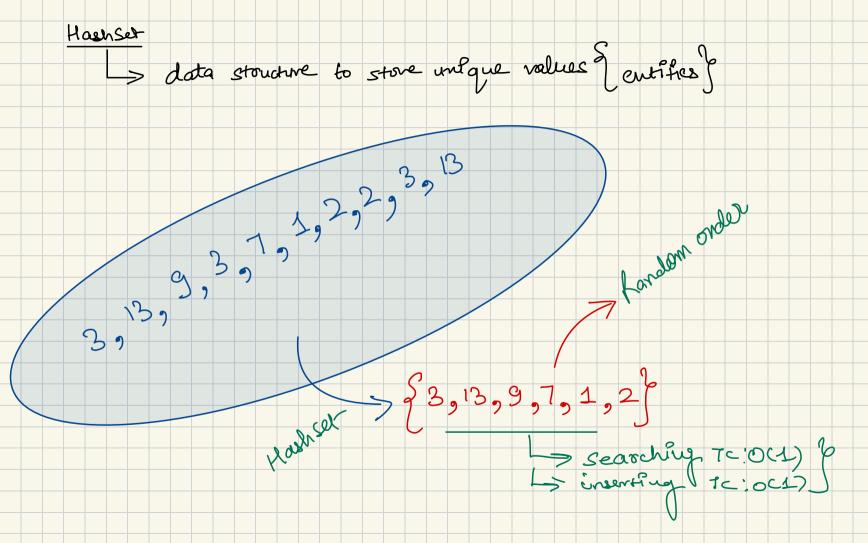






Quadrate Probing f(K) = {f(K)+9(i)} % % Size where, f(K) = K0/o Size qu') = 12 , le 0, 1,2.

Based on Hasting Bound on Red Black thees 1) Hashser 2 Hauh Map (1) TreeMap (2) TreeSet TC! OClog N) ~ searching? TC:OCL) Searching b TC:OCL) Prenting S



I Hash Map Value (Integer) unlaye entity values can be any value, Find All Duplicades Pn our Array find the Ele, occ. K times

Valid Anagram . sto1 = "accio strz= "ocica" Ju aissangment acció Boute Force Anagnamic

