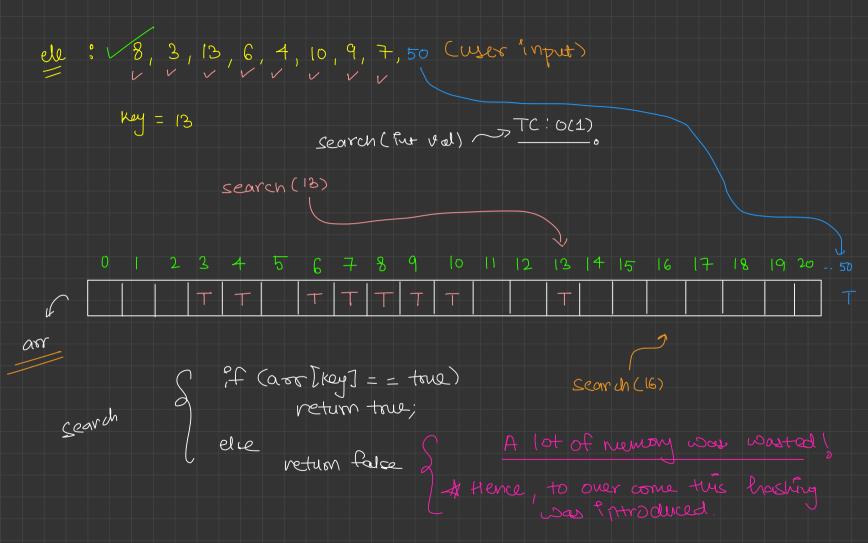
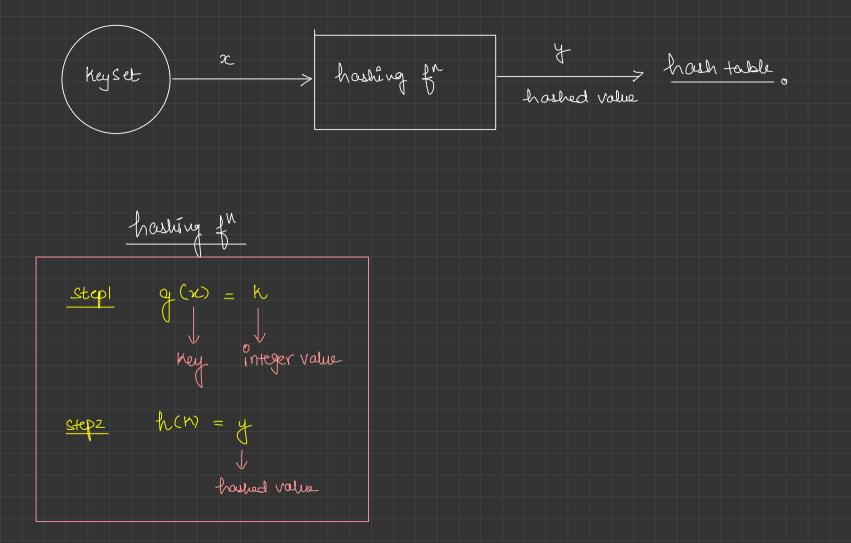
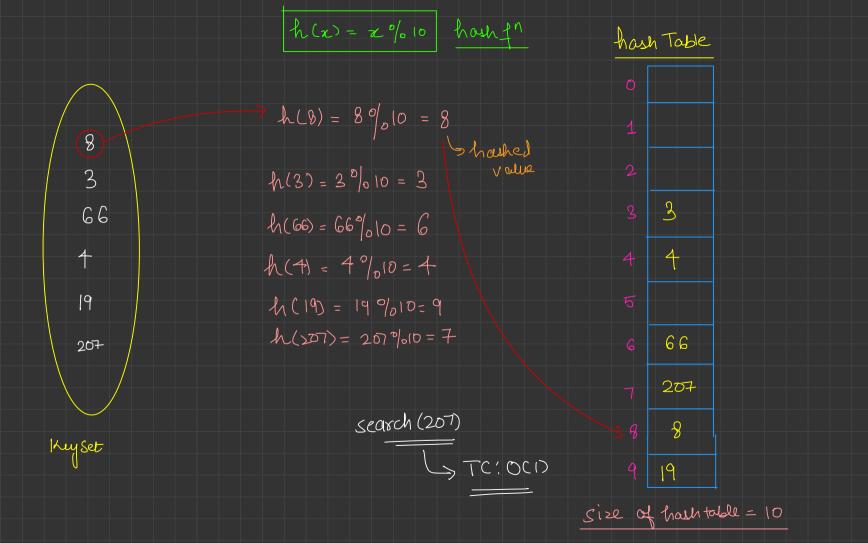
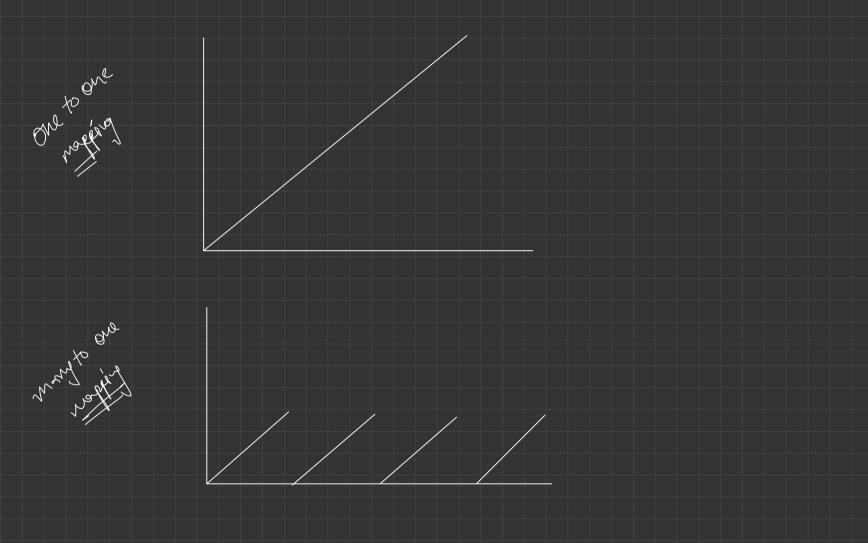


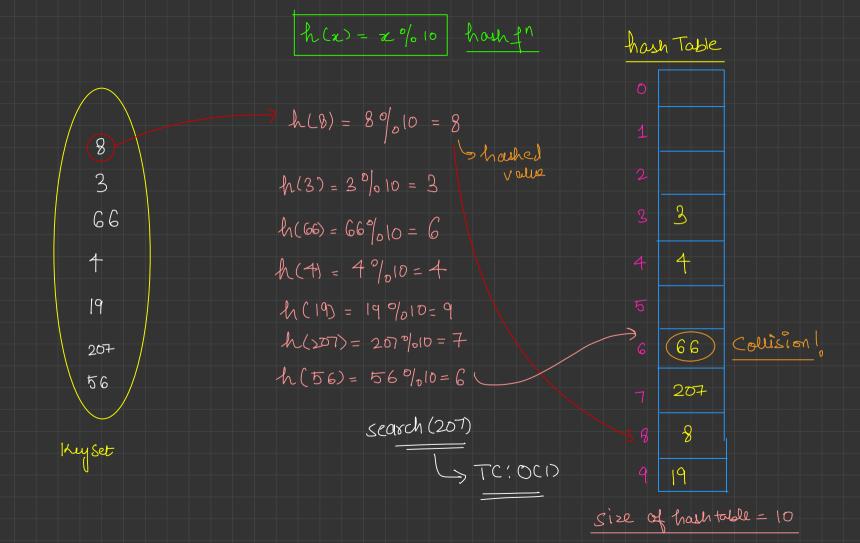
Hasting (Hasting & a technique used for searching purpose) TC: O(1) Searching



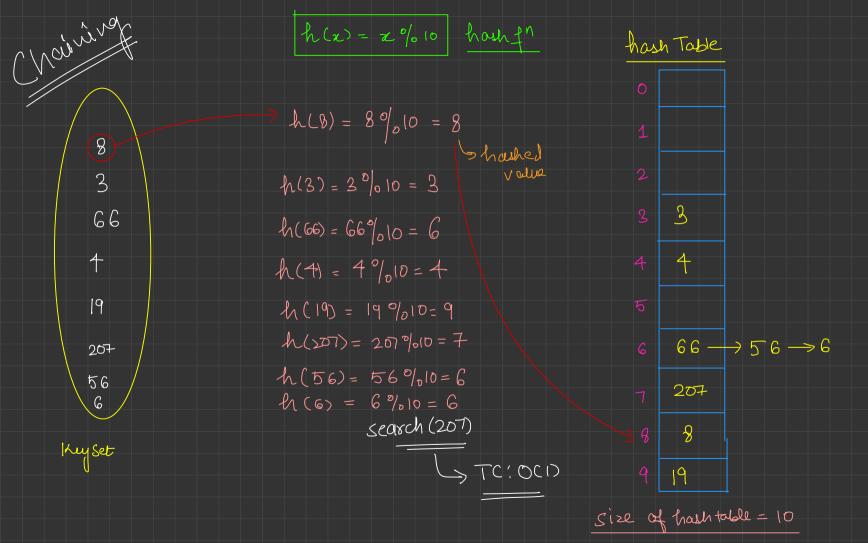




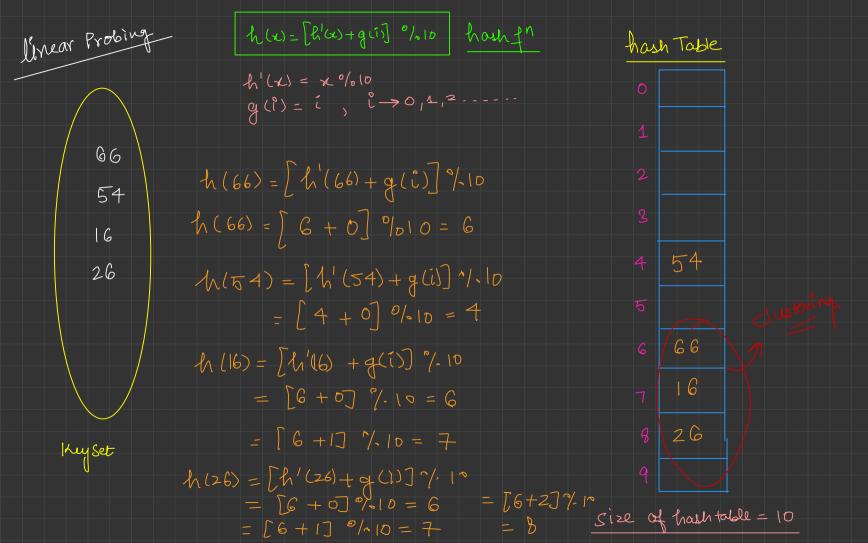




To remove collision closed Hashing open Hashing > Linear Probing. > quadratic Probing Chairing



size of hountable = 75 % of Rouge of E/p



quadratic Probing h(x)= h(x)+g(i)] 1/- 8/e (a) = N % 6/2  $g(i) = i^2, i \rightarrow 0, 1, 2, 3$ 

2 - Dala Structures 1) Hash Map I key - Value purs

Hash Map surique entity (stoing) key value (ive)

> Key is is a corted formal Tree Map C TreeSet value present acle in sorted format to of each Notrod Log (N) Seroching, reld, removing red - Dack tree