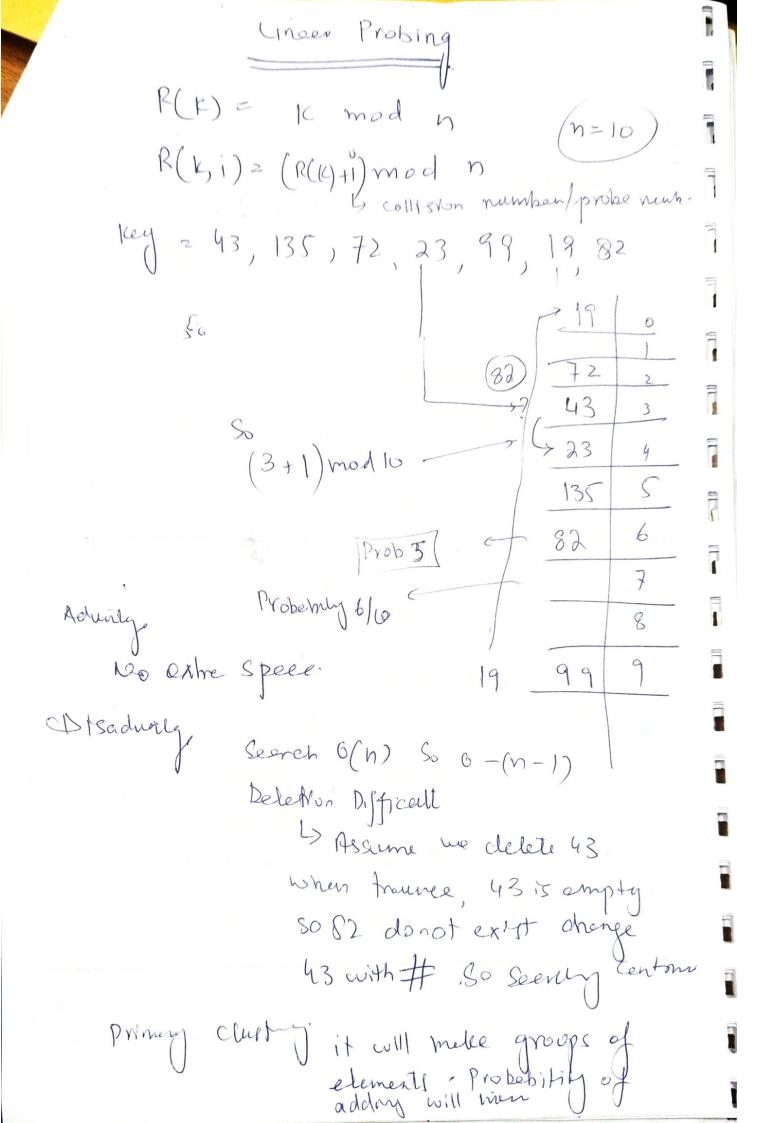
Hashing Slaving & Retriving bale in O(1) time Search Key (24,52, 91, 67, 48,83) Hash Fundua ( kmod 10, k mod n mid squere, folding) Hash Table Size = n-1 so if k mod la Hash table application DB 24 For search/netroll, Seme methed 0(1) time. What is we add 62 ?.. Collision

1

Collision Resolution Technique open adressing. Chainm dored heshing Open hosthi Ly Linear probing open avilable spece. Lo Quendel 4 L> Double 4 => Channy Ky 42 19 10 12 k mod 5 mode will be creeled 2 stud in mele Advantege Delehor easy O(i) Insertion Dicadurize Searchy is O(n) belehon could be O(h)



Churter will inchease >> Seconday Cers terry? Wisting place by different elements which are already filled. Quardate Probing R(K) = k mod 10. R(K,1) 2 (LRK + 22) mod W 42 1691 33 18 27 36 62 ddunige No extre Space Princy Clushy resolver R(14) +- 2' mod lo 6 ± 22 mod lo (6+4) mod lo 13sul Seerch O(h)

tache Hishly use 2 hest function Key 20 34 45 70 50 RI(11)= K mod 1 R2(C) = 8 - (Kmod 8) use (RI(K) + iRLIK)) mod ! . 04/15/2 0 34 for 45 1+1/8-(45 mod 8) mod 4 45 4 mod 8 make sue nz prime for 70 mod z (9) 50. 8 - (70 mod 8) 9 + 2 0 × 2 mod 11 6 mod U No spece Advalge = M Secrety Drsoeluty z O(N)