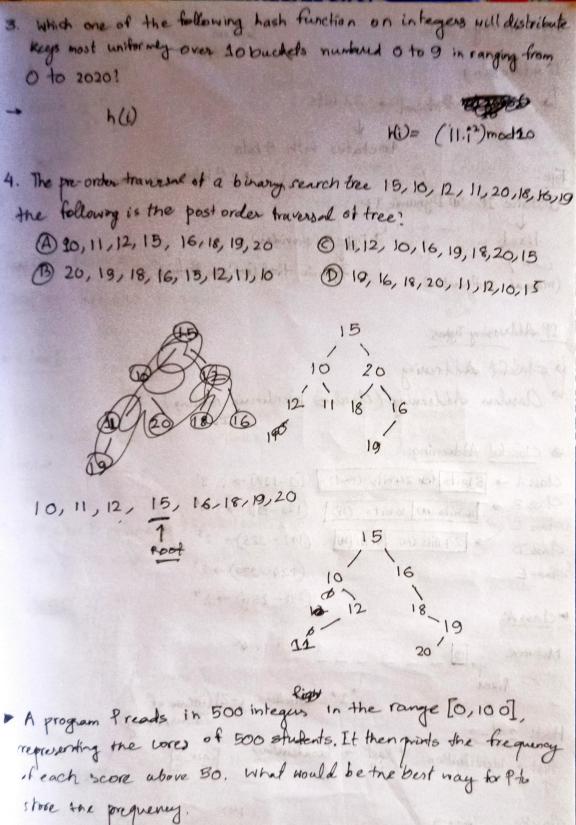
-> 34 been inserted in the table? → 52 (A) 46, 42, 34, 52, 13, 37 -> 46 (B) 34, 42, 23,52, 33, 46 > 33 46, 24, 42, 23, 52,33

(19) 42, 46, 33, 23, 34, 52

h(k) = k mod 10 2929898 h(2) = 42 mod 10 278,8,7,800 = -2 h(3) = 423 mod 10 BA, 37, 2,5 = 3 h(4) = 34 mod 10 = 4 mad 10 h(5) = 52 mod 10 = 2 mass  $h(6) = 46 \mod 10$ h(7) = 33 mod 10 (\*) a) (omplexity Analysis from Gode Snippet) Fractors / Aniteness b) Multidimensional Array. c) fush and top operation d) Priority queue and double endel que. e) Corculor linked list, double else linked list t) Sorting with complexity analysis 1) Binary Search Tree, friens and knowled Algo. b) Bitree and B+ Free, AVI Tree, Red-Black , Hashing, Collision methodologies 3 the it who states to what 85 - E the my values could have has usotal in the total

20 68 (20.02 LA 34 (A) 35 46 8

STOR ELLE WARD OF



a) An orang of 50 numbers

of An array of 100 numbers.

d) A dynamically allocated warmy of 550 runbers.