* Searching & Sooting * Linear Data Stower wes L) Stacks
L) queves
L) linked lists * Non-linear data structure Trees — Binary Trees

Rotations — Binary Search Trees

[AVL Black] — Heaps (CBT) BST -> Strictly height balonce). What were the drawbacks? 5,4,3,2,1 1,2,3,4, 35 kens Tree 142(N) m no q Minimum no As cending (1) only one child ine, 50, 50 What were the conditions for deleting a nocle in a BST Arras (Priority grene) CBT Win Heap Circly, Prim's ~ Man Heap Perent > Childen T = Parent < Childen Pl = ilc = 2ioci = 2it1 Rai = 2i+1BFS 2,3,4, **2**, **3**, **9**, **9** 1191513124 Why heads? an acP Docku A sou (Ansible > yaml wondows Azme Devops J Server clients Regression = M/G jenhors. War Size = 0Size - 53e +1 - am (B) < an (inden) JW4 (a(8), a(;)) 5,3,6,4,9,1 *Max-heaps > 40 bot = size au[1] = au [last]
= 53e---1165131411 0123456-> size au - heap -> heapify heap sort
heap sort
solex mar child element - mar (arflei], if are (i) < 50,55,53,52,54 55, 54, 53, 50,52 fleatify: >> The Brocess of converting on allow into a heat is called 2-1,54,53,55,52,50