Biray Trees

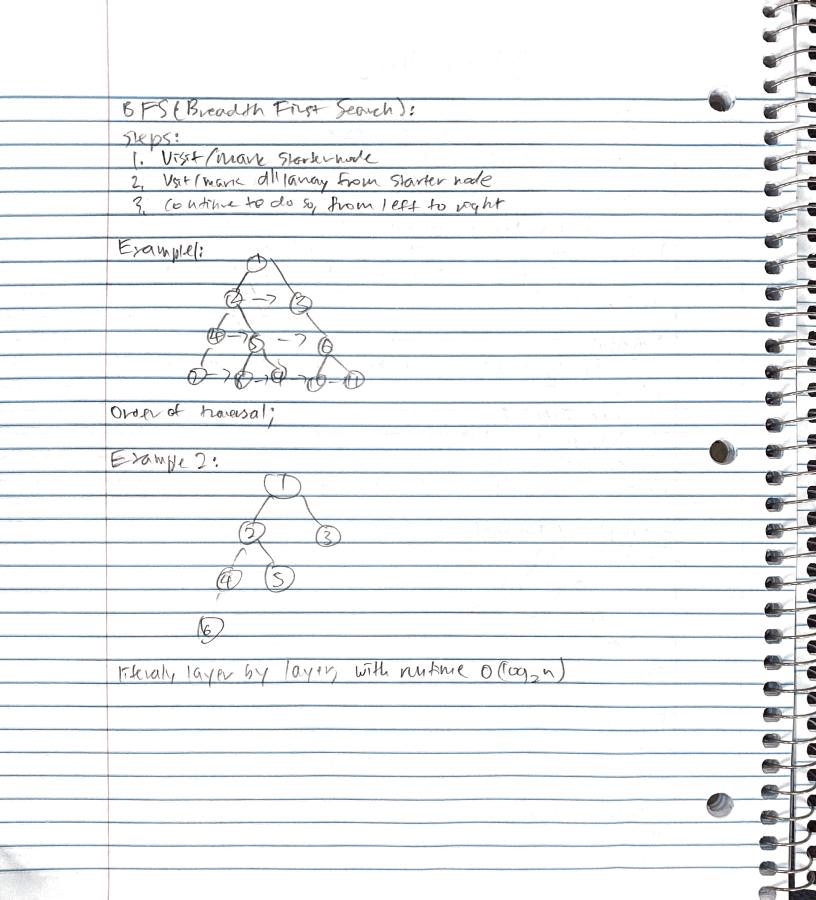
6

0 

3

3

Structure info: - three pointers per node, one value - item Parent, lest, right Definitions; voot: node on top, no parent leaf; node on bottom layer, no children depth: length of part from not to lowest child height; mardepth Travelsal transital is doke from left to right. If withen recusively, theh howeve tree & traverse left thee; havest right bee. is a recusive algorithm for defining it. Example of havesale Starks from bolton. Results; - Height of tree is log\_(a) time of n. - Traceyal of tree is log, a) × h time The two main ways of mousal are: BES DES.



(3) Depth Gust search: Steps: 1 1. Mark poot, and havese left 2. If nothing left to marke, yetun to most recent node with in marked right child and start there 3, repeats Example! (3) Example 2: (8) Runtime of DPS is also of egin). n Some, MITO(W Leche 6,006.