=> Tree is a pata structure similar to Linked list instead of Linearly nodes connection, Trees have a parent hild relationship. = F.9 but doesn't hae, similar to graph node using, Linked list (or) dauby linked list tale can represent treei's # poundy Linked L'st claus ree Noode2: det _int_(selb): # Linked List gelf data=1 Tree Nodel: det _ init _ (self): self- dild = None class self child2=None self: data = -1 self child! = None self. dild 3= None selb. hild = None self prient non selt. Aild 3 = None Ethil. Isian - 101d. OHIVIO

Birary Tree > A Tree which has max of a children dass Binary Treewoods: deb _init_ (self): self. data =1 self. left = None self . right = None. # Birary search Tree: 3. left / parent = right = parent \$ A binary tree ree Nodel (). node! data = 'a' rode whild! = reenode (C) rode Ichild I. data = 162 nodal child = Treewoodal Com nodo i child 2 data = 'C'

node I child 3 Tree Model () node: child 3. data = 'd' Lovel order Francial Breadth Depthy First Traversal abetcd using Quene queue = queue() queue push (node) while not queure.empty(): node = queue .pop() ib note in Nove: untinue. print (node data) queue push (note child) queue. push (node. child2) queue. push (node. Mild3)