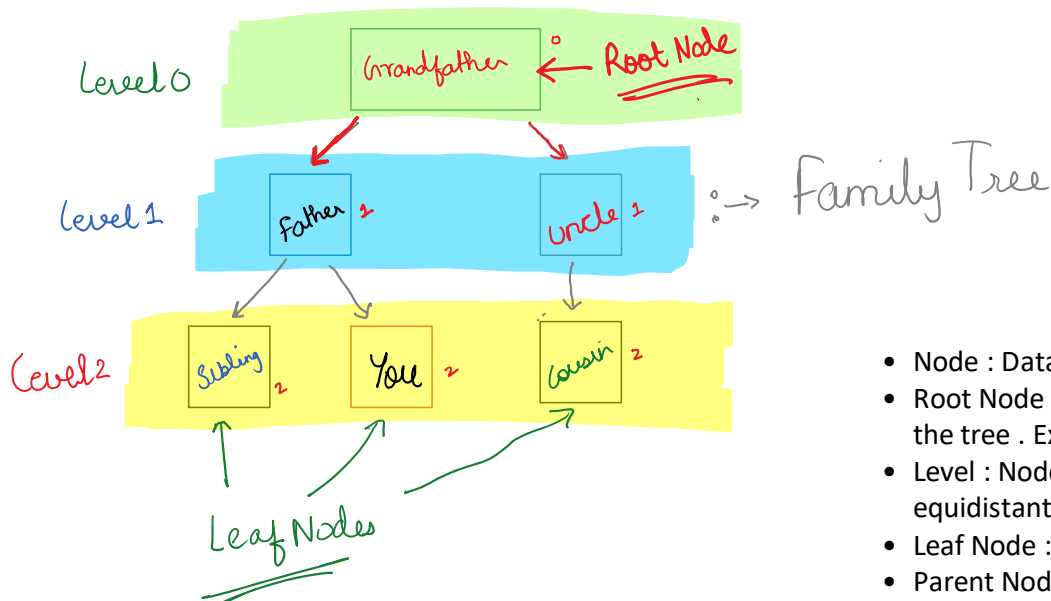


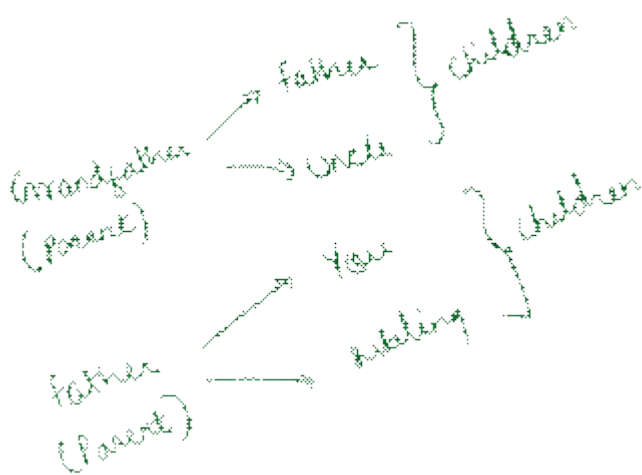
Tree terminologies

Saturday, February 26, 2022 9:13 AM

- Store data in a non-linear order based on the Hierarchical arrangement



- Node : Data to be stored and arranged
- Root Node : Top most node or the originating node of the tree . Exactly One Root node is to be present
- Level : Nodes are in the same level if they are equidistant from the root Node
- Leaf Node : Node in the last level or
- Parent Node : Node related to multiple nodes present in the next lower level
- Child Node : Node related to a node in the next upper level
- Height of a tree
- Common ancestor
- Diameter of a tree



Note : In-order to access/Visit any Node in a tree , you must traverse from the Root Node.

The only Node whose address is known , is that of the ROOT node.