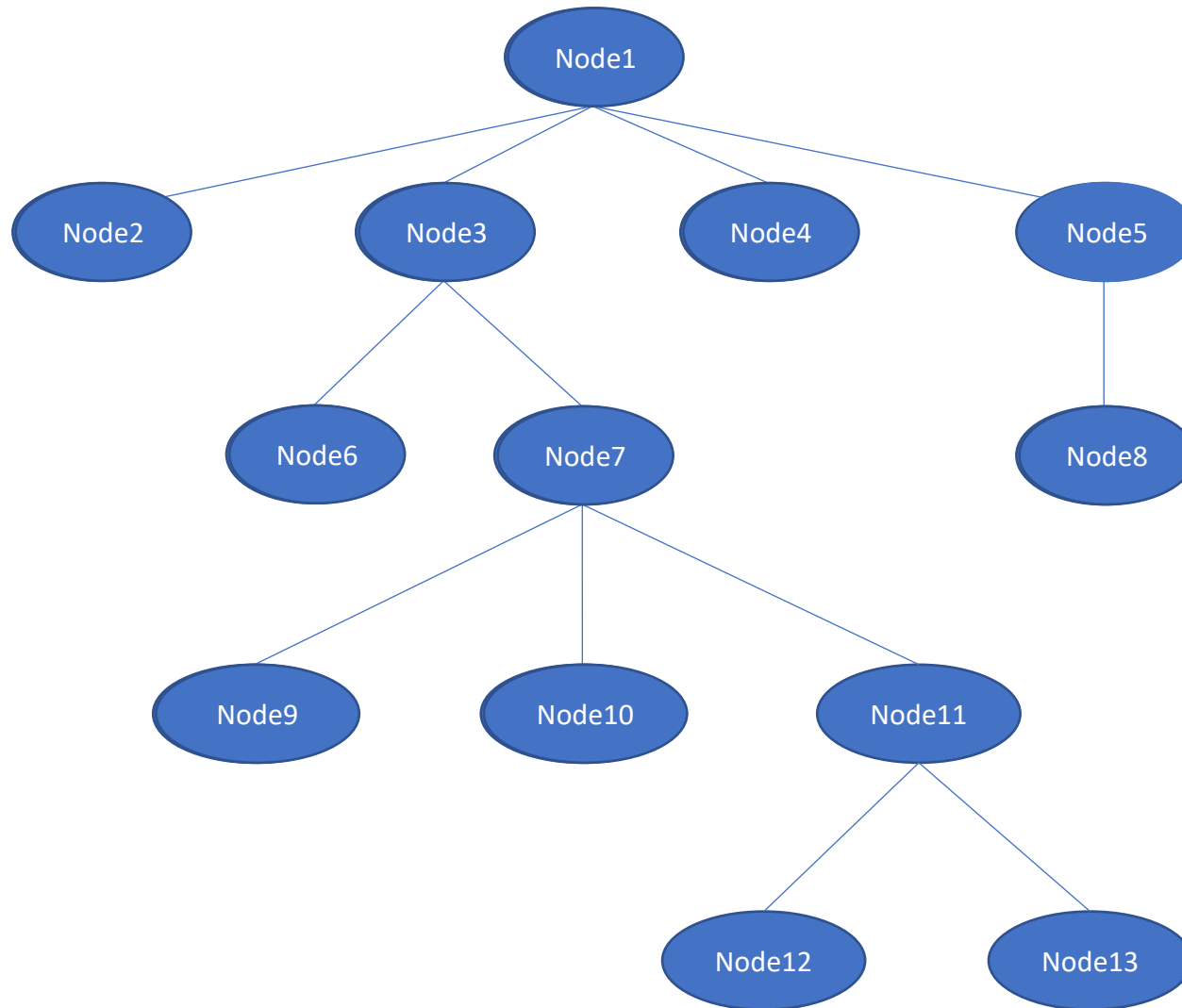


<----- ABOUT the TREES in THE-3 ----->



Given input (*part_list*):

[[Node1 properties], [Node2 properties], [Node3 properties], [Node4 properties], [Node5 properties], [Node6 properties], [Node7 properties], [Node8 properties], [Node9 properties], [Node10 properties], [Node11 properties], [Node12 properties], [Node13 properties]]

Node properties: can be name of the node, names of its children, price of the node, etc.

Note that the above description is just a collection of nodes inside a list. This is not a tree since every node is **given independently from each other**. Also, it is possible to be given these nodes **in any order** without following a definite rule.

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You need to convert it into a tree something like the following:

[Node1, [Node2], [Node3, [Node6], [Node7, [Node9], [Node10], [Node11, [Node12], [Node13]]], [Node4], [Node5, [Node8]]]

The things that depend on you:

- The ordering of children of a node is not important.
- Inside the nodes, you can hold any information (any node property) that you want.
- You can represent your tree by using lists or tuples. **The thing that makes it tree is each child is nested into its parent.**
- If a node does not have a child, you can represent that non-existing child as an empty list/tuple, or just putting nothing.