**Special types of binary trees**

Certain binary tree structures can affect the speed of operations on the tree. The following describe special types of binary trees:

* A binary tree is ***full*** if every node contains 0 or 2 children.
* A binary tree is ***complete*** if all levels, except possibly the last level, are completely full and all nodes in the last level are as far left as possible.
* A binary tree is ***perfect***, if all internal nodes have 2 children and all leaf nodes are at the same level.