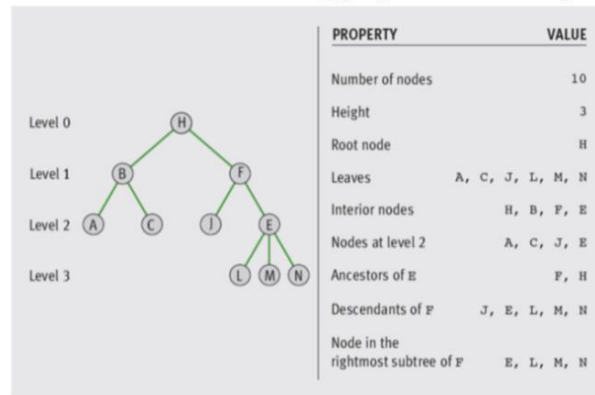


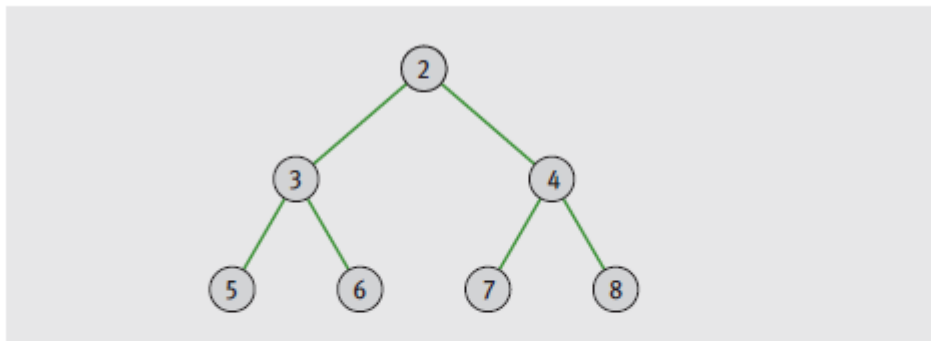
Tree Terminology (continued)



[FIGURE 18.1] Some properties of a tree

Note: The height of a tree containing one node is 0
By convention, the height of an empty tree is -1

- 1 Use the following tree to answer the next six questions.



- 1 What are the leaf nodes in the tree?
- 2 What are the interior nodes in the tree?
- 3 What are the siblings of node 7?
- 4 What is the height of the tree?
- 5 How many nodes are in level 2?
- 6 Is the tree a general tree or a binary tree or both?

1. 5,6,7,8
2. 2,3,4
3. 8

4. Two
5. Four (5,6,7,8)
6. Binary Tree