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P1163#14-16
P1164#19-20

14 Write a pseudocode algorithm for the preorder traversal.

      1. The current node's data is processed.
      2. The current node's left subtree is traversed.
      3. The current node's right subtree is traversed.

15 Write a pseudocode algorithm for the postorder traversal.

      1. The current node's left subtree is traversed.
      2. The current node's right subtree is traversed.
      3. The current node's data is processed.

16 Write a pseudocode algorithm for searching a tree for a specified value.

      1. If current node is equal to the search value, return true.
      2. If current node is less than the search value, return search of left subtree.
      3. If current node is greater than the search value, return search of right subtree.
      4. Finally, if there are no subtrees, return false.

19 How would the values in the tree you sketched for Question 17 be displayed in a preorder traversal?

      12, 7, 3, 9, 10, 22, 18, 14, 20, 24, 30

20 How would the values in the tree you sketched for Question 17 be displayed in a postorder traversal?

      3, 10, 9, 7, 14, 18, 20, 30, 24, 22, 12