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| **CPSC 165** | **Written Assignment**  **Binary Trees and BSTs** | **DUE: 6/24/2016** |
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**QUESTION #1:**

Draw the BST that corresponds to this input sequence: (note that the order of the input IS important!)  
Note that each name is to be placed in a node in the BST.

Joe  
Sam  
Sue  
Mark  
Bob  
Bill  
George  
Andy  
Pete  
Nancy  
Ann  
Tom

**QUESTION #2:**

Consider the following binary tree: **ROOT**

1. Show the order of the nodes if an INORDER traversal algorithm is utilized:

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1. Show the order of the nodes if a PREORDER traversal algorithm is utilized.

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1. Show the order of the nodes if a POSTORDER traversal algorithm is utilized.

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