

Assignment Project Exam Help

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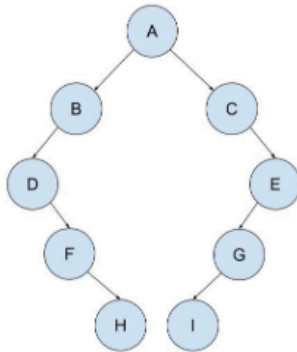
Question 4 (1 point)

Consider a binary tree whose in-order traversal is E I B A G C F H D and whose post-order traversal is I E B G F C D H A. Which is the pre-order traversal of the tree?

(separate each element with a space where the left is the first element visited and the right is the last element visited, example: A B C D E F)

Question 5 (1 point)

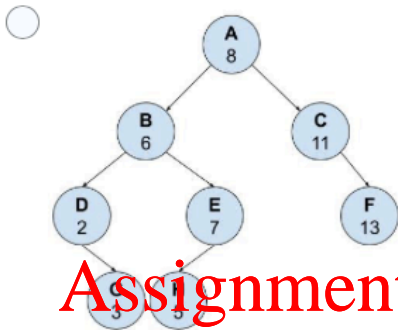
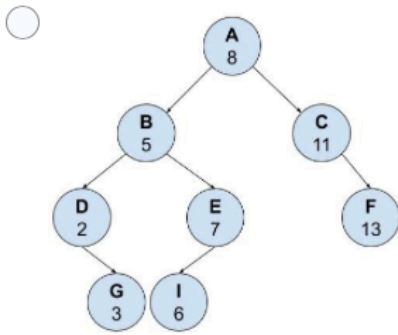
Given the following binary search tree, which node does findMax(A) return?



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Question 8 (1 point)

In order to get the elements of a binary search tree in descending order, one has to traverse it in

- ☐ Preorder with right child before left child
- ☐ Inorder with right child before left child
- ☐ Postorder with left child before right
- ☐ Postorder with right child before left

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Question 10 (1 point)

What is the state of the following list after the first 3 iterations of buildHeapFast ?

SCRAMBLING

(No spaces required)
