Exercise 9: Trees

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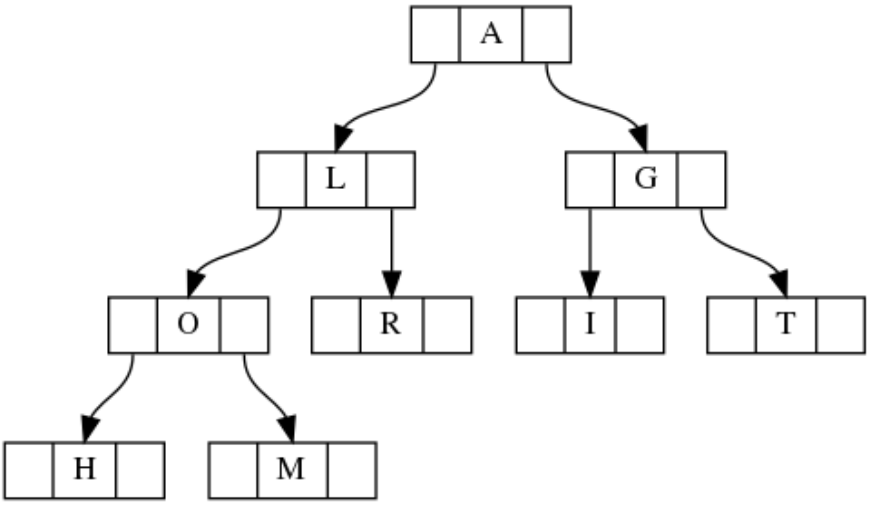
1 Why is the root on top?

Complete the tasks assuming the following tree is given as input:



2 Questions

1. **What is the result of pre-order traversal of the tree in the picture?**

   ALOHMRGIT

2. **What is the result of in-order traversal of the tree in the picture?**

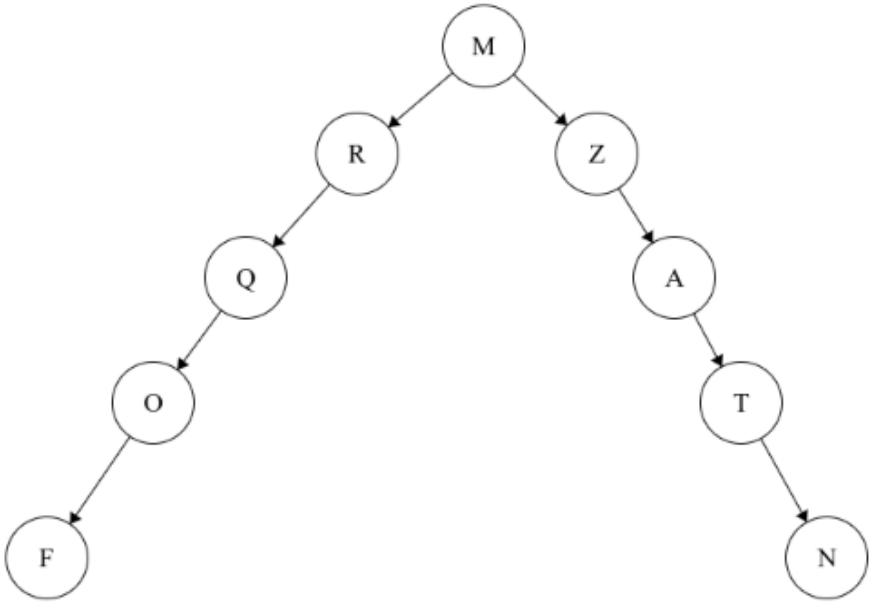
   HOMLRAIGT

3. **What is the result of post-order traversal of the tree in the picture?**

   HMORLITGA

4. **Draw 3 different trees with at least 8 nodes, so that the result of their in-order traversal is the same.**

   FOQRMZATN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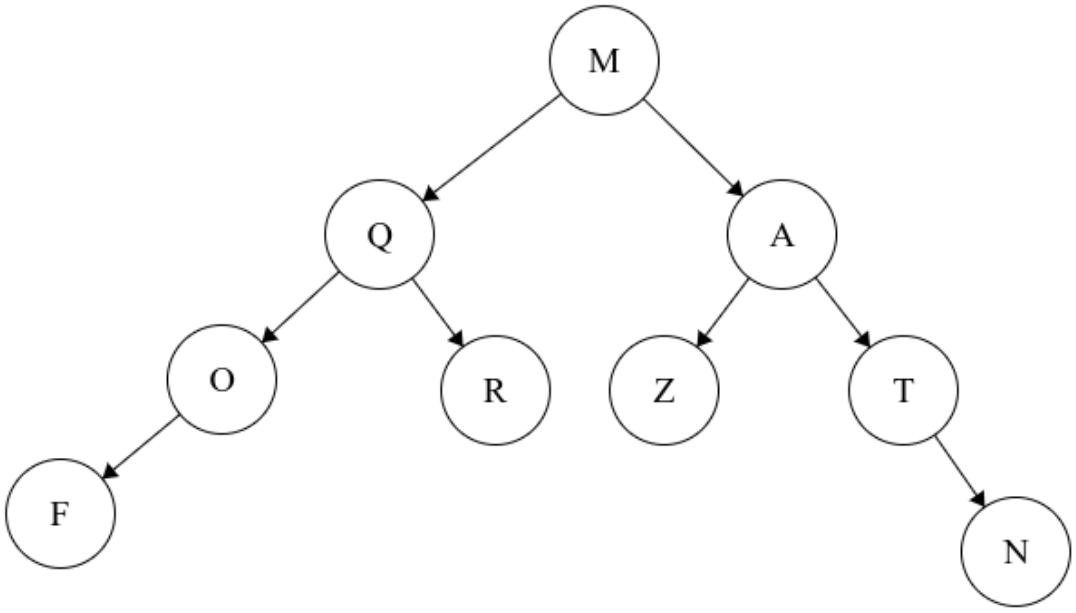
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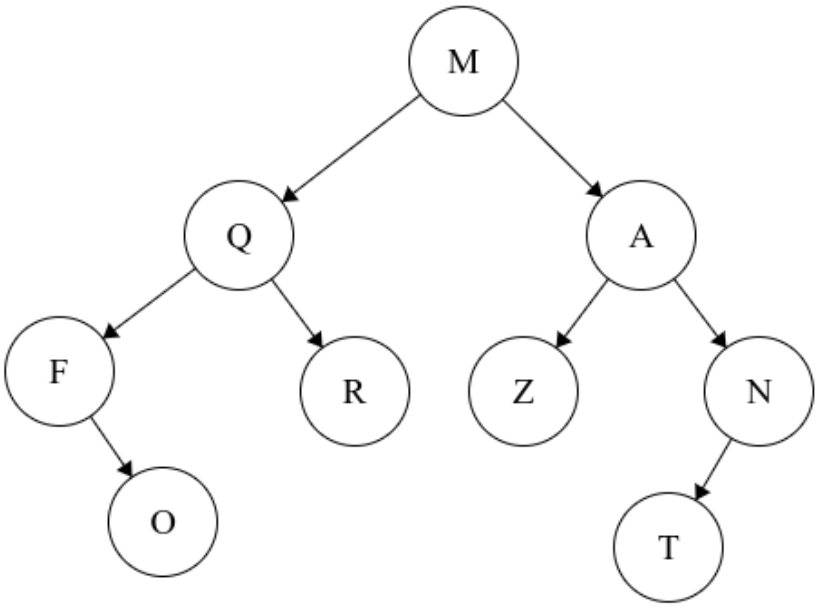

5. **Given the result of in-order tree traversal is BDAEC and the result of post-order traversal is DBECA, what is the result of pre-order traversal of the same tree?**

   ABDCE

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