

ICA 4

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Activity Name: Tree Traversal

Computing ID: hr2ee

Inorder Left \rightarrow Root \rightarrow Right

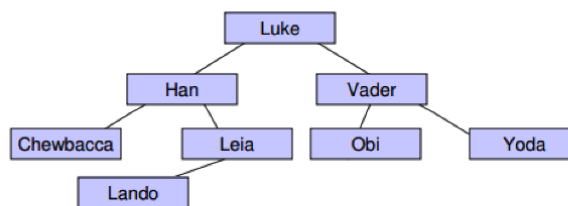
Preorder Root \rightarrow Left \rightarrow Right

Postorder Left \rightarrow Right \rightarrow Root

Q1

Tree Traversal Practice

- Write the pre-, in-, and post-order traversals of the following tree:



- In-order: _____
- Pre-order: _____
- Post-order: _____

Figure 1:

Inorder - Chewbacca, Han, Lando, Leia, Luke, Obi, Vader, Yoda

Pre-order - Luke, Han, Chewbacca, Leia, Lando, Vader, Obi, Yoda

Post-Order - Chewbacca, Lando, Leia, Han, Obi, Yoda, Vader, Luke