**Assignment Three:**

**25.10. Exercises**[**¶**](http://openbookproject.net/thinkcs/python/english3e/stacks.html#exercises)

1. Apply the postfix algorithm to the expression 1 2 + 3 \*.This example demonstrates one of the advantages of postfix—there is no need to use parentheses to control the order of operations. To get the same result in infix, we would have to write (1 + 2) \* 3.
2. Write a postfix expression that is equivalent to 1 + 2 \* 3.

**27.9. Exercises**[**¶**](http://openbookproject.net/thinkcs/python/english3e/trees.html#exercises)

1. Modify print\_tree\_inorder so that it puts parentheses around every operator and pair of operands. Is the output correct and unambiguous? Are the parentheses always necessary?