**Creating Parse Trees - Due**

Jan 19, 2014 11:59 PM

CMSC 330 6380 Advanced Programming Languages (2142)

**Discussions**

Creating Parse Trees[Creating Parse Trees](https://learn.umuc.edu/d2l/lms/discussions/messageLists/frame.d2l?ou=11631&fid=17465&tid=55917&isShared=False)

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To verify that a string of characters belongs to a language defined by a grammar, we must create a parse tree that shows that the string can be generated by the grammar.

Consider the following grammar:

<list> -> <item> , <list> | <item>   
<item> -> <left> <item> <right> | <left> <right>  
<left> -> A| B | C   
<right> -> x | y | z

Choose a string that is in this language and create a parse tree that demonstrates that your claim is true. Identify another string that contains some of these terminals symbols but is not in the language.