

## Problem set #6

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PHIL 43916

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This is due on Monday.

1. Give the tree for ‘Loren believes that Bond is boring.’ You may ignore the role of tense.
2. Derive the truth condition for that sentence relative to a model, world, time, and assignment.

In doing the second, you can use the following lexical entry for ‘believes’:

$[[\text{believes}]]^{M,w,i,g} = \{ \langle x, y \rangle : \text{there is some } W^* \subseteq W \text{ such that } W^* = x\text{'s}$   
belief set \&  $W^* \subseteq y \}$