1. Problem 21 from Section 3.2 of Hein.

2. Given the following SML definition of binary trees:

   datatype tree
   = Leaf
   | Nd of (tree * tree)

   define a function depth, with the type tree -> int, that returns the depth of its argument. We define the depth of a Leaf to be 0.

3. Given the following SML datatype definition

   datatype wff
   = T
   | F
   | And of (wff * wff)
   | Or of (wff * wff)
   | Not of wff

   define a function eval, with the type wff -> bool, that returns the truth valuation of its argument.