CSCE 580 Fall 2003
PROGRAM 3
Due Monday, 03/2/10

1. Do exercises 3.1, 3.2, 3.4 in [B].
2. Do exercise 3.10 in [B].

   Start by defining an auxiliary predicate `canget1` of three arguments, whose first clause is:

   ```
   canget1( state( _, _, _, has), Actions, Actions).
   ```

   The second argument of `canget1` is used to build up the list of moves in reverse order. The third argument is used to record the list of moves when the search bottoms out. Then, write `canget(State,Actions)` by making one call to `canget1`. This program is better understood procedurally than declaratively.
3. Find the operator declarations in the SWI-Prolog reference manual and check whether they are the same as in Figure 3.8 of your textbook. Find one operator that is not in Figure 3.8 and report its operator type and precedence.