Introduction to symbolic CL (684.01) — OSU Linguistics
Detmar Meurers — Winter 2001

Exercise sheet 3

(Due: Wednesday, 24. January at noon,)

1. For exercise 2 on exercise sheet 1 you provided an FSTN for recognizing English number names. Implement and test this FSTN, using the Prolog encoding and the algorithm for traversing FSTNs discussed in class. The Prolog algorighm for traversing FSTNs can be found under the code link on the course web page in file `code/automata/fstn_traversal.pl`.

   Please provide the Prolog encoding of your FSTN and some examples for strings generated and recognized by it using the FSTN traversal program.

2. Read chapter 13 *Language and Complexity* of Jurafsky & Martin (2000).