

## 276 INTRODUCTION TO PROLOG

### Practice Lexis Test Model Solution

1. The files `practice_Q1_prison_model.pl` and `practice_Q2_graphs_model.pl` contain model solutions with some very brief comments about possible alternatives.
2. The files `testscript_Q1.info` and `testscript_Q2.info` contain a list of test queries which you can use to compare your solution against the model answers. You can run the whole set of queries automatically by using the Linux input redirection. Type e.g.

```
sicstus < testscript_Q1.info
```

This takes all the commands/queries in `testscript_Q1.info` and executes them as if you typed them at the `sicstus` prompt. You will see that your files `practice_Q1_prison.pl`, resp. `practice_Q2_graphs.pl`, are compiled automatically at the beginning.

If you want to store the output, use Linux redirection, like this:

```
sicstus < testscript_Q1.info > your_filename
```

Obviously you can edit the testscript files, or comment out parts you don't want, or make your own copies to modify the test queries, or execute them in batches.

(The only significance of the `.info` suffix is that CATE refuses to accept filenames with an empty suffix.)

3. The files `testscript_Q1_output.info` and `testscript_Q2_output.info` contain the output obtained by running the two test scripts on the model solutions.
4. To run the testscript files you need to download `run_query_utilities.pl`. This contains a (very crude !) program which executes and displays all the answers to a given query.