Scheme Tutor

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1 What to Expect

This tutor is intended to interactively present drills in order to familiarise the user with Scheme. This is intended as a supplement to, not a replacement of, classroom lectures. It is assumed the student is already familiar with the topics and the exercises presented by the tutor will serve as re-inforcement.

When using the tutor, expect to be presented with a set of problems one by one. The user is expected to provide answers to each problem as they are presented. When the answer is incorrect, the tutor will explain the error, and the problem will be presented again, until the user can get it right.

2 How to Use the Tutor

The tutor is written is Scheme and has to be used from within a Scheme interpreter such as MacGambit.

1. Start MacGambit.
2. Load the file *load.scm*. (Note: MacGambit loads a file called init.scm upon startup. Make sure that this file exists in the current folder. If you are using a Scheme compiler other than MacGambit, you will have to load init.scm before load.scm).
3. Type (tutorial). (See the online help available with MacGambit to learn how to interact with MacGambit).
4. Enter your name at the prompt. Either your first name or your last name is sufficient.

5. The tutor will ask you if this is the first time you are using the tutor. Enter ÿïf this is the first time. This tells the tutor to start presenting the problems from the beginning. Even if it is not the first time, enter ÿïf you would like to start at the beginning. However, if you have worked on some exercises previously and would like to continue where you left off, enter ñ:. Entering q̈ẅill let you quit the tutor.

6. The tutor then starts presenting the problems. You may quit any time by entering q̈ät any of the prompts.

7. Enjoy.

If you are using MacGambit, please note that you will have to end each response (answers to problems/responses to questions) with Command-Enter.