B Exercises 4
Simple Library

The objective of this tutorial exercise is to develop a model for a simple library system.
Here is a list of basic events for the library. The list can be extended.

Adding books to the library.
Joining the library.
Borrowing a book.
Returning a book.

Think through what you need in the context and then develop the main Library machine.
Keep it simple at first. Build the model and discharge the proof obligations.