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## **Formal Methods for Software Development**

### **Exercise sheet 3**

#### **Exercise 1:**

Install and try out the Programatica tools. See

[http://www.tzi.de/agbkb/lehre/ws04-05/fmsd/programatica\\_e.htm](http://www.tzi.de/agbkb/lehre/ws04-05/fmsd/programatica_e.htm).

#### **Exercise 2:**

Write a program that, given a list, computes the list of all its sublists. Specify this program in P-logic. Is there a difference if you consider infinite lists as well?