

Functional Programming

Exercises Week 1

(for October 12, 2007)

1. Read the article *Functional Programming For The Rest of Us* (<http://www.defmacro.org/ramblings/fp.html>).
2. Read Appendices A and B of the *lecture notes* (<http://cl-informatik.uibk.ac.at/teaching/ws07/fp/material/fpln.pdf>; only accessible via the university network).
3. Solve Exercise A.1.
4. Solve Exercise A.2.
5. Solve Exercise A.3.
6. Solve Exercise A.4.
7. Solve Exercise A.5.
8. Solve Exercise A.6.
9. Write a recursive Java function `reverse`, taking a `String` argument and returning its reversed counterpart, i.e., `reverse("hello") → "olleh"`.