Self-study Questions 5
Due: November 30, 2009

1 Instructions for Answering
See Self-study question sheet 1.

2 Handing In
See Self-study question sheet 1.

3 Correcting Answers
See Self-study question sheet 1.

4 The Questions
1. Does an object-oriented language need more run-time support than a procedural language like C? If you don’t know a language like C, try looking at Wikipedia or similar to get an idea, and then answer the question.

2. In broad terms, what are the differences between compilers and interpreters? What are some advantages to each technique?

3. Prefixing and embedding are two techniques used in implementing object-oriented programming languages. Explain their core ideas and what object-oriented concepts they are trying to preserve?

4. Explain the rationale for aspect-oriented programming and to what extent you think aspects is a good solution.

5. Explain how aspects affect maintainability and readability.

6. Is it possible to use aspect-oriented programming in an untyped setting?