

February 8, 2010

## Programming Languages and Types

### Group Exercise 14

#### G14.1 Programming Language Design Criteria

1. You have been presented numerous criteria on programming language design in the lecture. Assemble a list of them.
2. Evaluate the criteria against the following set of programming languages: Java, C, Scheme, Haskell. Add your favorite languages if you like.

#### G14.2 Text Markup Language

1. Design a simple DSL for denoting markup of text.
2. How is this DSL represented when you want to implement it via (i) an interpreter, (ii) embedding, or (iii) polymorphic embedding?