CS 3723: Programming Languages
Feb 15, 2012

You Name:

1. Which of the following explains the concept of meta-programming.
   (a) Creating or manipulating programs as data.
   (b) Building a compiler or interpreter.
   (c) Building a program with user interface.
2. Which of the following explains the concept of reflective-programming.
   (a) Creating or manipulating programs of the same language as data.
   (b) Building a compiler or interpreter using the same language (for the given language).
   (c) Building a program with user interface defined in the same language.
3. The difference between pure and applied lambda calculus is
   (a) Whether they support functions and variables
   (b) Whether they support more than just functions and variables
4. which of the following Scheme code correctly translate the lambda calculus expression (λ x. λ y. x y)?
   (a) (lambda (x) ((lambda (y) x) y))
   (b) (lambda (x) (lambda (y) (x y)))
   (c) (lambda (x y) (x y))
   (d) ((lambda (x y) x) y)