CS 3723: Programming Languages

Feb 6, 2012

You Name:

1. What programming paradigm does Lisp/Scheme belong to?
   (a) functional (b) imperative (c) object-oriented (d) logic

2. Which of the following properties set Lisp/Scheme apart from C/Java?

   (a) It focuses on computing new values instead of modifying the values of existing variables;

   (b) It allows functions be treated as normal values (i.e., first-class objects). For example, it allows anonymous functions to be created and passed around.

   (c) It allows functions to be passed as parameters of other functions or returned as results by other functions, which are called higher-order functions.

   (d) It supports expressions but does not support statements.