

CS 3723: Programming Languages

Apr 6, 2012

You Name:

1. Which of the following correctly defines the *continuation* concept?
 - (a) It captures the rest of computation after evaluating an expression.
 - (b) It traces the current expression being evaluated.
2. Which of the following can be used to correctly implement *continuation*?
 - (a) A function closure that takes a single parameter (the result of the current expression) and returns the result of evaluating the rest of the program.
 - (b) A memory snapshot that saves the values of all variables after evaluating an expression.
3. Which of the following correctly defines *continuation* passing?
 - (a) Pass the continuation of a function call as parameter to the callee, so that the callee does not need to return to the caller
 - (b) Save the continuation of a program so that it can resume computation anytime by invoking the continuation.