CSCE 330 Fall 2003

QUIZ 4

Assigned Thursday, 03-09-11

1. Match (adapted from D.A. Watt and D.F. Brown. *Programming Language Processors in Java*, Prentice-Hall, 2000, and D.A. Watt. *Programming Language Concepts and Paradigms*, Prentice-Hall, 1990.)

   (a) declaration

   (b) expression

   (c) command

   with

   (a) executed to update variables or to perform input and output

   (b) elaborated to produce bindings or to allocate and initialize variables

   (c) evaluated to yield (produce) a value

   Answer: 1-2, 2-3, 3-1

2. In denotational semantics, the state of a computation is expressed as a triple. What are the three elements of the triple?

   Answer: memory (function), input (stream or string or sequence), output (stream or string or sequence).