CSCE 330 Fall 2004

QUIZ 5

Assigned Tuesday, 04-09-14

1. In denotational semantics, the state of a computation is expressed as a triple. Choose the three elements of the triple from the following list: memory, axiom, identifier list, input stream, assignment, output stream, expression.

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

2. In our discussion of denotational semantics, we have used the letter Z to indicate the set of what?

   Answer: integers

3. The asterisk in the expression S^*, where S is a set, is called the *Kleene star*. What is Z^*?

   Answer: the set of all strings of integers