CSSE 304 References quiz: May 4, 2015 (Session 29) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section: 01 02 03

(20 homework points)   
  
1. (12) For the *reference* ADT constructor (which is also a new observer in the *environment* ADT) and the two new procedures that take a reference as one of their arguments, fill in the details of this table:

|  |  |  |
| --- | --- | --- |
| Procedure name | Argument(s) | What the procedure returns |
|  |  |  |
|  |  |  |
|  |  |  |

2. (8) Assume that the above three functions have been implemented (that is what we will do today). How could we implement the following in terms of them?  
  
  
(define apply-env

(lambda (env sym) *; you fill in the rest*

(define eval-exp

(lambda (exp env)

(cases expression exp

*; the other cases would go here …*

[set!-exp (id exp) *; you fill in the details for this case*

Turn in this quiz and pick up today's class notes handout.