Homework, Week 0, part B

September 12, 2014

Invoke clisp and type the following commands. Remember, a ':q' (COLON QUE), ':a' (COLON AIGH), CONTROL-BREAK, or CONTROL-C will restore the top level prompt if you make a mistake. This explores six Lisp functions, =, /=, >, >=, <, and <=. Write down each result and see if you can figure out what each one does. Some will create errors.

```
(= 9)
(= 9 9)                          (<= 9 8 7 6)
(= 9 9 9)                        (<= 6 7 8 9)
(= 9 9 9 8)                      (<= 6 6 7 8)

(/= 9)                           (> 9 8 7 6)
(/= 9 8)                         (> 6 7 8 9)
(/= 9 8 7 6)                     (> 9 9 8 7)
(/= 9 9 9 6)
                                 (>= 9 8 7 6)
(< 9 8 7 6)                      (>= 6 7 8 9)
(< 6 7 8 9)                      (>= 9 9 8 7)
(< 6 6 7 8)
```

Exit from clisp by entering `(QUIT)`.