Homework, Week 4, part D

November 7, 2013

This builds on the tester you worked on yesterday. This is much easier, but you still have to think. You only have to change one little thing.

Alter the program to print the student's score at the end of the test. There's probably only one best way to do this. I have copied it below. The answer is $100 \times \frac{total-correct}{total-questions}$. You just have to figure out where to put it. Don't worry about (`format`). I know you don't understand it, but we will have a week on it a little later and you will understand it them.

```
1  (defun give−test (items)
2      (cond
3  ;B change to add condition
4  ;C change to print the number correct after the test
5      ((or (>= current−question total−questions) (null items
               ))
6        ;;D changed to print the student's score at the end
               of the test.
7        (format t "Test over, you got ~a correct and made a ~
               d.~%" total−correct (* 100 (/ total−correct
               total−questions))) nil)
8      (t (let* ((len (length items))
9                (num (random len)))
10          (ask−question (nth num items))
11          (give−test (remove (nth num items) items))))))
```