

Challenge

Spare Time Teaching

September 11, 2015

Problem

Scheme is an amazing language, but it has some quirks. Write a Scheme file that will produce the following:

```
> (load "challenge.scm")
> f
(lambda (g0 g0) (list g0 g0 g0 g0 g0))
> ((eval f) 1 'a)
(a 1 a a 1)
> ((eval f) 2 'a)
(a 2 a a 2)
> ((eval f) 1 'b)
(b 1 b b 1)
```