Exercise 1.34

Suppose we define the procedure

```
(define (f g) (g 2))
```

Then we have

```
(f square)
4

(f (lambda (z) (* z (+ z 1))))
6
```

What happens if we (perversely) ask the interpreter to evaluate the combination `(f f)` ? Explain.

Evaluating, we get

```
(f f)
(f 2)
(2 2)
```

But `2` isn't a function, so Scheme throws an error.