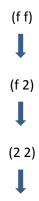
## **Exercise 1.34.** Suppose we define the procedure

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

## Solution

Again, the simplest approach seems to be to use the substitution principle. Therefore the call of (f f) expands into:



And number 2 is used as a function

This is invalid and the REPL I used confirms this solution by outputting error (Error: 2 is not a function).