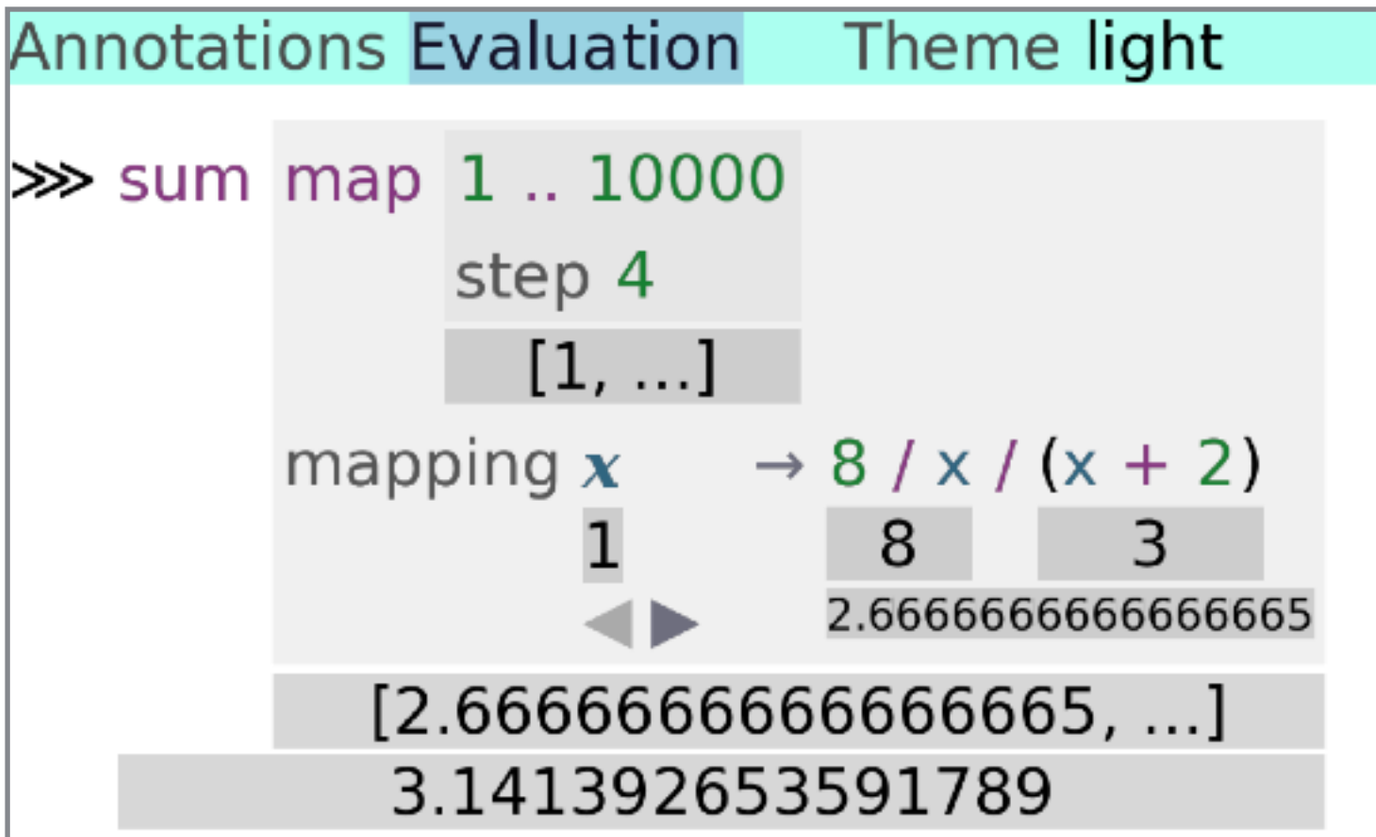
Evaluation in Traditional REPLs

```
>>> sum(8./x/(x+2) for x in range(1,10000,4))
3.141392653591789
```

Python's REPL (read-eval-print-loop) lets us play with our code interactively to verify our mental model of it.

Evaluation in Lamdu / Live Debugging

- Shows results for *all* subexpressions
- Code is evaluated while being typed
- Browse between different invocations of the same function



FAQ - Continuous Evaluation

Q: How do we prevent unsafe code execution? When code buys and sells stocks or launches rockets, should such code be automatically executed?

A:

Lamdu is a pure language (similar to Haskell). Execution of code with effects is performed only when the user explicitly chooses so.