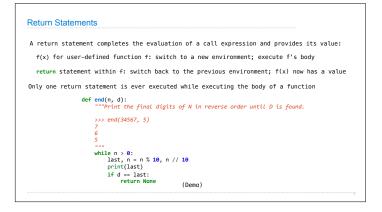
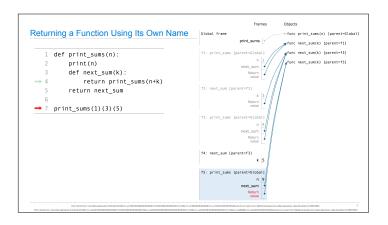


Return

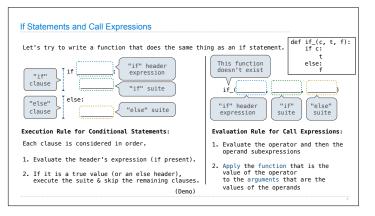


Self-Reference

(Demo)



Control



Control Expressions

Logical Operators

To evaluate the expression <left> and <right>:

- 1. Evaluate the subexpression <left>.
- 2. If the result is a false value ν_{\star} then the expression evaluates to ν_{\star}
- 3. Otherwise, the expression evaluates to the value of the subexpression <right>.

To evaluate the expression <left> or <right>:

- 1. Evaluate the subexpression <left>.
- 2. If the result is a true value ν_{\star} then the expression evaluates to ν_{\star}
- 3. Otherwise, the expression evaluates to the value of the subexpression <right>.

(Demo)

Conditional Expressions

A conditional expression has the form

<consequent> if fconsequent> else <alternative>

Evaluation rule:

- 1. Evaluate the redicate> expression.
- 2. If it's a true value, the value of the whole expression is the value of the <consequent>.
- 3. Otherwise, the value of the whole expression is the value of the <alternative>.

>>> x = 0 >>> abs(1/x if x != 0 else 0)