# Programming Language Reference

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### 1 Prelude

Hmmmmm.

## 2 Ternary Operator

C Lisp Haskell Erlang

Python Ruby

 $\operatorname{Perl}$ 

a?b:c
if abc

(if a then b else c)

case A of true -> B; false -> C end if A == true -> B; true -> C end

b if a else c

if a then b elseif d then e else c end

(a && b) || c a ? b : c

### 3 List Construction

Lisp Scala Haskell Erlang  $\begin{array}{l} (\cos 1 \ (\cos 2 \ nil \,)) \\ 1 \ :: \ 2 \ :: \ Nil \\ 1 \ : \ 2 \ : \ [] \\ [1 \ | \ [2 \ | \ []]] \end{array}$ 

## 4 Arrays

Hmmmm

### 5 List API

Hmmmm

## 6 List Comprehensions

Hmmmm

## 7 C++ Templates

Hmmmm

## 8 C Typedefs

Hmmmm

# 9 Lambdas

Hmmmm

# 10 Exceptions

Hmmmm

# 11 Objective-C Blocks

Hmmmm

# 12 Operator Precedence

Hmmmm

# 13 For Loops

Hmmmm

## 14 To learn

- $\bullet$  perl
- $\bullet$  pascal
- $\bullet$  cobol
- $\bullet$  fortran
- $\bullet$  lua