

Challenge

Spare Time Teaching

January 28, 2014

You may not add parameters or change the output.

Problem

Write a lambda term to determine if its argument is the church numeral 1.

Example

```
T ≡ λ t f. t
F ≡ λ t f. f

0 ≡ λ s z. z
1 ≡ λ s z. s z
2 ≡ λ s z. s (s z)

is_zero? ≡ λ x. x (λ α. F) T
```