Abstraction:

[x]x => I

[x]y => K y

[x](t1 t2) => S [x]t1 [x]t2

Reduction:

S t1 t2 t3 => t1 t3 (t2 t3)

K t1 t2 => t1

I t1 => t1

Y h => h (Y h)

Definition:

def f x = t1 => def f = [x]t1

def f = t1 => def f = Y [f]t1