(**define** (**unique** s)

(if (null? s) nil

(cons (car s)

(unique (filter (lambda (x) (not (eq? (car s) x))) (cdr s))))))

def fail\_repeated(f):

g = lambda x: x

while True:

yield g

~~g = lambda x: f(g(x))~~ #The value g changes with each iteration so the bodies of the lambdas yielded change as well.

g = (lambda g: lambda x: f(g(x)))(g)