

```

> (top-level-eval '((letrec ([fac (lambda (n) (if (= n 1) 1 (* n (fac (- n 1)))])) fac) 1))
>(apply-env
'(extended-env-record-recur
  (fac)
  #((closure-record
    (n)
    ((if-exp
      (app-exp ((var-exp =) (var-exp n) (lit-exp 1)))
      (lit-exp 1)
      (app-exp
        ((var-exp *)
         (var-exp n)
         (app-exp
           ((var-exp fac)
            (app-exp ((var-exp -) (var-exp n) (lit-exp 1))))))))))
    (empty-env-record)))
  (empty-env-record))
'fac)
<'(closure-record
  (n)
  ((if-exp
    (app-exp ((var-exp =) (var-exp n) (lit-exp 1)))
    (lit-exp 1)
    (app-exp
      ((var-exp *)
       (var-exp n)
       (app-exp
         ((var-exp fac) (app-exp ((var-exp -) (var-exp n) (lit-exp 1))))))))))
  (extended-env-record-recur
   (fac)
   #((closure-record
     (n)
     ((if-exp
       (app-exp ((var-exp =) (var-exp n) (lit-exp 1)))
       (lit-exp 1)
       (app-exp
         ((var-exp *)
          (var-exp n)
          (app-exp
            ((var-exp fac)
             (app-exp ((var-exp -) (var-exp n) (lit-exp 1))))))))))
     (empty-env-record)))
   (empty-env-record)))

```