```
1) Write a procedure that deletes all the occurre
  of a given atom from at given list?
     (DEFINE (deleteall extm
        (COND)
            ((NULL? 3tst) (())
            ((EQ? atm (CAR 1st)) (deleteall atm (CDR)
            (ELSE (cons (CAR 1st) (deleteall atm (CDR 1st))
(2) Write a procedure that reverses the elements of a li
     (DEFINE (reverse lis)
        COND
        ((NULL? lis) ())
         (ELSE (APPEND (reverse (CDR lis)) (CONS (CAR lis))
3) What does this function do?
   (define (fun-empty y liss)
      (cond
       ((noll? 1is) ())
        (lequal? y (car lis)) lis)
        (else (fon-empty y (ed- lis)))
```

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できてしてしている。

```
(define (insert x 1st)
    (if (noll? 1st)
       (list x)
        (let ((y (car 1st))
           ((ys (cdr 1s+1))
          (if ( < = x, y).
              (cons x 18+)
              (cons y (insert x ys)));
  (define (insertionsout 1st)
    (if (not1) 15+)
        (insert (car 1st)
            (inscrtionsont (cdr 1st))))))
experiments
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(DEFINE X (list $ $ 3 45))

(display (reverse X))

(display (deleteral 5 X))

(display (insertion sert X))
```