13.2-1.

Write pseudocode for Right-Rotate.

Answer.

Left-Rotate(T, y)

```
 1   x = y.left                    // set y
 2   y.left = x.right              // turn x's right subtree into y's left subtree
 3   if x.right.p ≠ T.nil
 4       x.right.p = y
 5   x.p = y.p                     // link y's parent to x
 6   if y.p == T.nil
 7       T.root = x
 8   elseif y == y.p.left
 9       y.p.left = x
10   else y.p.right = x
11   x.right = y                   // put y on x's right
12   y.p = x
```

1