## 13.2-1.

Write pseudocode for RIGHT-ROTATE.

## Answer.

```
Left-Rotate(T, y)
     x = y.left
                                     // \operatorname{set} y
     y.left = x.right
                                     // turn x's right subtree into y's left subtree
 3
     if x.right.p \neq T.nil
 4
         x.right.p = y
 5
                                     // link y's parent to x
     x.p=y.p
 6
     if y.p = T.nil
 7
         T.\mathrm{root} = x
     elseif y = y. p. left
 8
 9
         y.p.left = x
10
     else y.p.right = x
                                     // put y on x's right
11
     x.right = y
12
     y.p = x
```

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