```
Node rightRot ( Node node)
{
    Node nL = node -> left
    Node nR = nL -> right

    nL -> right = node
    node -> left = nR

    node -> height = max(node -> left -> height, node -> right -> height) + 1
    nL -> height = max( nL -> left -> height, nL -> right -> height) + 1

    return node
}

Node leftRot ( Node node)
{
    Node nR = node -> right
    Node nL = nR -> left

    nR -> left = node
    node -> right = nL

    node -> ht = max (node -> left -> ht, node -> right -> ht) + 1
    nR -> ht = max ( nR -> left -> ht, nR -> right -> ht) + 1
}
```