**AVL Rotations**

To balance itself, an AVL tree may perform the following four kinds of rotations −

* Left rotation
* Right rotation
* Left-Right rotation
* Right-Left rotation

**1. Left Rotation**

Left\_Rotation(p)

1. set q=p->right

2. hold=q-> left

3. q-> left =p

4. p->right=hold

5. return

**2. Right Rotation**

Right\_Rotation(p)

1. set q=p->left

2. hold=q->right

3. q->right=p

4. p->left=hold

5. return