

Why Insertion of 14 needed a RL rotation?

- An RL (Right-Left) rotation is performed when a left child is inserted into the right subtree of a node.
- **RL Rotation Explanation:**
 - An RL rotation is used to fix a violation that occurs when the right child of a node has a left-heavy subtree, i.e a new node gets inserted as the left child of the right child.
 - In our example, 14 is inserted as the left child of 15 (rightChild of 6).
 - There is now right left violation at 6, as the leftChild (14) of the right subtree (15) makes it left-heavy.