We have learned AVL Tree, Splay Tree, (2,4) Tree, and Red-Black Tree. Now let’s check what will happen after inserting a sequence of integers into these empty trees.

1. Insert a sequence [3, 5, 10, 11, 2, 4, 8, 7, 1, 6, 9] into an empty AVL tree, and draw the resulted AVL tree.

2. Insert a sequence [3, 5, 10, 11, 2, 4, 8, 7, 1, 6, 9] into an empty Splay tree, and draw the resulted Splay tree.

3. Insert a sequence [3, 5, 10, 11, 2, 4, 8, 7, 1, 6, 9] into an empty (2, 4) tree, and draw the resulted (2,4) tree.

4. Insert a sequence [3, 5, 10, 11, 2, 4, 8, 7, 1, 6, 9] into an empty red-black tree, and draw the resulted Red-Black tree.