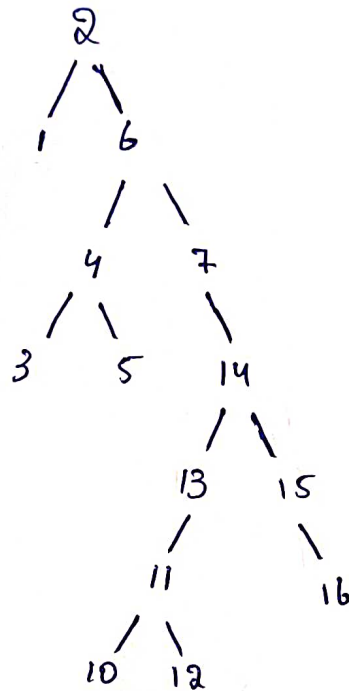* Balance factor for node 14 is 2, node 13 is 1, so we needed a right rotation at node 11.

After rotation, the final tree.

```
              2
             / \
            1   6
               / \
              4   7
             / \   \
            3   5   14
                   /  \
                  13   15
                 /       \
                11       16
               /  \
              10  12
```

This AVL tree is now balanced with given sequence of insertions.