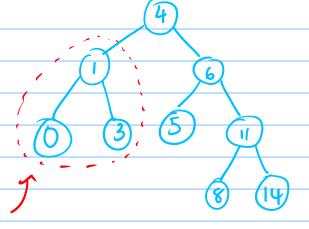


Is this already an AVL tree? Yes. All heights of the subtrees of each node differ by \le 1.

## After inserting 0:



Left rotated 3.

## After inserting 2: First rotated left 1, then rotated right 3. After inserting 10: First rotated 11 right, then rotated b left. After inserting 17: Rotated 6 left.

