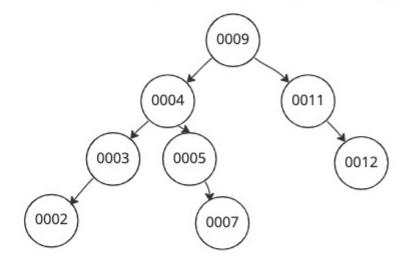
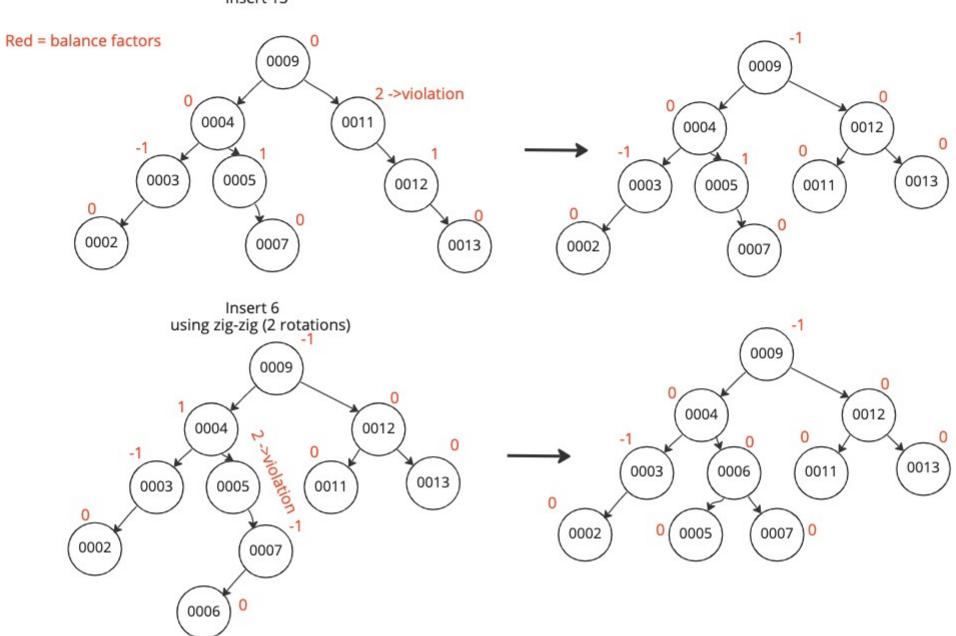


Remove 10 because 10 is a leaf node (no children), then you can simply remove the node

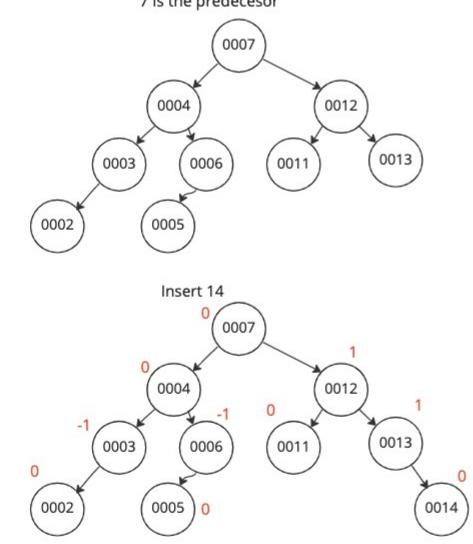


Insert 13



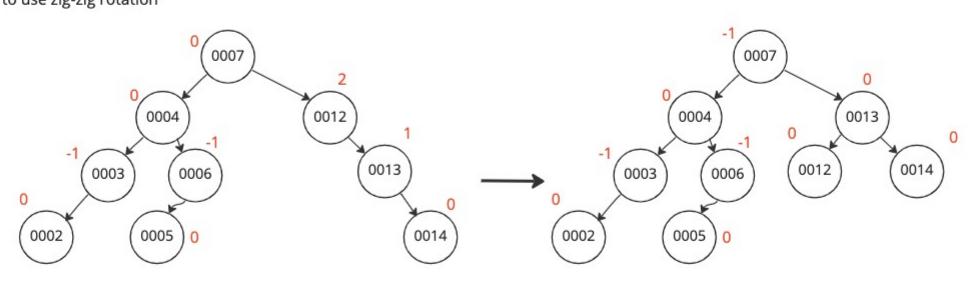
Remove 9

9 is the root node and it has 2 children.->swap with either the successor or the predecessor 7 is the predecesor



Remove 11

11 is a leaf node, so it can be deleted. However, the tree becomes unbalanced, so we need to use zig-zig rotation



Final AVL Tree

