CSE 332: Data Structures and Parallelism

Exercises (AVL Trees)

Directions: Submit your solutions using https://grinch.cs.washington.edu/cse332/avl. Your score on Canvas will automatically update. Also note that while there is a button labelled “Check AVL Tree”, it is greyed out and will not work.

EX06. AVL (20 points)
This problem will give you some practice with the basic operations on AVL Trees.

Show the result of inserting

43, 8, 5, 10, 4, 7, 32, 2, 1, 3

in that order into an initially empty AVL tree. Show the tree after each insertion, clearly labeling which tree is which.