CSSE 230 Day 15

Displayable Solution AVLTree practice Work time

<section-header><section-header><list-item><list-item><list-item><list-item><list-item><list-item>

















Your turn (with a partner or two)

- Start with an empty AVL tree.
- Add elements in the following order; do the appropriate rotations when needed.
 - 1 2 3 4 5 6 11 13 12 10 9 8 7
- How should we rebalance if each of the following sequences is deleted from the final tree above?
 - (10 9 7 8) (13) (1 5)
 - For each of the three sequences, start with the original 13-element tree. E.g. when deleting 13, assume 10 9 8 7 are still in the tree.

Work with your Doublets partner. When you finish, work on Doublets or Threaded. Or write the rotateDoubleRight code from a yesterday's slide.