

Hands-On: Red-Black Trees

This activity focuses on the fundamental mechanics of adding new values to a red-black tree. You should study the [instructional resources](#) on red-black trees before attempting this activity.

Adding values

1. Open the lecture notes on Red-Black trees.
2. Review the note set to refresh your memory on this data structure.
3. Go to the slides that illustrate building a Red-Black tree from the following sequence of values: 10, 85, 15, 70, 20, 60, 30, 50, 65, 80, 90, 40, 5, 55
4. Go through each add operation in the slides and make sure you understand how each works.

Submission

The submission page for this activity asks you to apply your understanding of red-black trees to a problem and then submit it for a grade.