

CS225 – Section 9

Red-Black Trees Worksheet

1. Insert the following values into initially empty Red-Black trees (make sure it remains balanced)
 - a. 1, 2, 3, 4, 5, 6, 7
 - b. 1, 6, 7, 2, 4, 3, 5
 - c. 4, 2, 1, 3, 6, 5, 7, 11, 8, 10
2. Remove the following values from each of the trees constructed above:
 - a. 1, 5, 4
 - b. 2, 7, 4
 - c. 10, 8, 2, 5