

CS 758/858 Homework 7: Red-Black Trees
for Thu Sep 24 2026

These are some suggestions to help you prepare for quiz 7.

1. Write precise psuedocode for binary tree insertion without looking at any books or notes. Now, prove that your psuedocode is correct. If you discover a flaw, you are allowed to change your psuedocode until it is correct.
2. Exercise 13.1–7 in CLRS.
3. Exercise 13.3–1 in CLRS.
4. Exercise 13.3–4 in CLRS.
5. Exercise 13.3–5 in CLRS.
6. Exercise 13.4–1 in CLRS.
7. Exercise 13.4–7 in CLRS.