

**Directions:** This homework assignment will help you to prepare for the quiz on August 7th.

1. Exercise 8.1 in *Algorithms*.
2. Exercise 8.2 in *Algorithms*.
3. Exercise 8.3 in *Algorithms*.
4. Exercise 8.4 part (a) in *Algorithms*.
5. Exercise 8.5 in *Algorithms*.
6. Exercise 8.10 parts (a), (b), and (f) in *Algorithms*.
7. Exercise 8.12 in *Algorithms*.