

Name: _____

Time Spent: _____

R.7 Reading Guide

Concepts related to Q3

CPTR 242: Sequential and Parallel Data Structures and Algorithms, Walla Walla University

I. Read Chapters 4.1 in your text.

II. Thoughtfully answer the following questions.

(a) What functions need to be updated for *Sorted Lists*? Explain how?

(b) Explain how having a *sorted list* can improve searching.

(c) Describe *binary search* and why we can use it on a *sorted list*.

(d) What were the most challenging concepts? What questions do you still have?