

CSC 502 WEEK 8 TEST STUDY GUIDE

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In addition to the week 6 topics, you will be tested on concepts we have covered since.

1. PREVIOUS TOPICS

General ability to write algorithms to solve problems.

Understanding and use of the Java Collection Framework: Iterators, Collection, List and Set interfaces, difference between lists and sets, difference between array lists and linked lists; maps, writing programs that use iterators, lists, sets, and maps.

Ability to write Linked list operations (no recursion).

2. ADDITIONAL TOPICS

Recursive linked list operations, binary trees and binary tree operations, graphs, adjacency matrices and adjacency lists, depth first search and breadth first search.