PL14

[✓ Done]

Due May 2, 2019 by 3pm   **Points** None

Available Apr 30, 2019 at 3pm - May 2, 2019 at 3pm 2 days

This assignment was locked May 2, 2019 at 3pm.

Study Chapter 28 "Graphs", Chapter 29 "Graphs Implementation"

Enter at least one interview question into the bank of "Interview Questions" - use your alias instead of your name. Find a question on the internet that pertains to any topic that we studied in this class.

IN PREPARATION FOR THE LAB

- Trace *Prim's Algorithm* for finding a **Minimum Spanning Tree** (MST) embedded in a **weighted connected** graph - see the steps shown in the lab description
- View Java implementation of breadth-first traversal:
  - The algorithm in pseudocode segment 28.12 on page 818
  - Java implementation segment 29.23 on page 855
- View implementation of algorithm to find shortest path:
  - The algorithm in pseudocode segment 28.19 on page 825
  - Java implementation segment 29.24 on page 855