1. (20 points) **Prepare for Exam IV**

Here is a checklist for helping you prepare for the third exam:

- The fourth (final) exam will be on 5/23/2022 (20 points).
- This exam will cover topics: hash tables and graph theory.
- Some questions are about terminologies or properties of hash tables.
- Some questions are about hash tables from Leetcode.
- One question is about graph representation.
- One question is about BFS.
- One question is about DFS and topological sort.
- One question is about Dijkstra’s algorithm.
- One question is about Bellman-ford.