

## 2020/05/27 Algorithm Homework

Note: When the exercise asks you to “design an algorithm for...,” it always means that “designs an EFFICIENT algorithm for ... and ANALYZES your algorithm and write pseudo code”. You should keep this in mind when writing solutions.

1. [CLRS 3<sup>rd</sup>] Exercise 24.1-1
2. [CLRS 3<sup>rd</sup>] Exercise 24.1-5
3. [CLRS 3<sup>rd</sup>] Exercise 24.1-6
4. [CLRS 3<sup>rd</sup>] Exercise 24.3-1
5. [CLRS 3<sup>rd</sup>] Exercise 24.3-4
6. [CLRS 3<sup>rd</sup>] Exercise 24.3-8
7. [CLRS 3<sup>rd</sup>] Exercise 24.4-2
8. 根據投影片 Unit09 p.12的Bellman-Ford的實作考量，改進原本的演算法，並寫Pseudo code