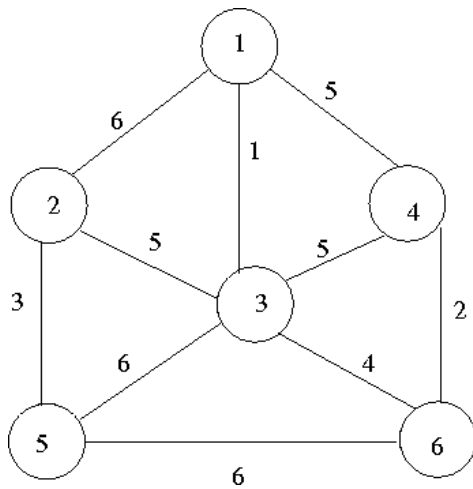


2020/05/20 Algorithm Homework

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 3rd] Exercise 23.1-6
2. [CLRS 3rd] Exercise 23.1-8
3. [CLRS 3rd] Exercise 23.1-11
4. [CLRS 3rd] Exercise 23.2-4
5. [CLRS 3rd] Exercise 23.2-5
6. [CLRS 3rd] Exercise 23.2-7
7. Perform the Kruskal’s and Prim’s algorithms to the figure below



8. [CLRS 3rd] Problem 16-4 Scheduling variations