CS 624: Analysis of Algorithms
Assignment 7
Due: Monday, March 30, 2020

1. Exercise 22.2-2 (page 601).
2. Exercise 22.2-6 (page 602).
3. Exercise 22.2-7 (page 602).
4. Exercise 22.3-2 (page 610).
5. Exercise 22.3-8 (page 611). The notation \( u.d \) in that problem refers to the “discovery time” or (as it is called in my notes) the “start time” for vertex \( u \) in the depth-first walk.
6. Exercise 22.3-9 (page 612). (And here, \( u.f \) is the “finish time” for node \( u \).)