Homework Assignment #3

Note

This assignment is due 2:10PM Monday, October 17, 2016. Please write or type your answers on A4 (or similar size) paper. Drop your homework by the due time in Yih-Kuen Tsay's mail box on the first floor of Management Building 2. Late submission will be penalized by 20% for each working day overdue. You may discuss the problems with others, but copying answers is strictly forbidden.

Problems

There are five problems in this assignment, each accounting for 20 points unless otherwise marked. "Exercise A.B" in the following means Exercise B of Chapter A in [Carrano and Henry 2013] (International Edition).

1. Exercise 2.24

2. Exercise 3.9 (use C++)

3. Extend the class `ArrayBag` to include the additional `peek`() operation. Be careful about what the operation will do when the bag is empty. Try to make the operation return different values on consecutive calls whenever possible. (use C++)

4. Exercise 4.3 (use C++)

5. Exercise 4.4 (use C++)