**CSE 274**

**ADT Queue and Deque**

In addition to your source code, submit a brief report (PDF file) that identifies the aspects of your programs that work and those that do not.

1. **(35 pts)** Do project 10.3 from textbook: Expand the capital gains example described in this chapter to allow more than one type of stock in the portfolio. Use standard Java classes.
   1. Starter code is located in the homework folder: StockPurchase.java and Portfolio.java
2. **(65 pts)** Do project 11.9 from textbook: Use a circular doubly linked chain (see the note at the end of Segment 11.33) to implement the ADT deque, which must implement the interface DequeInterface. The name of your class must be: CircularDoublyLinkedDeque.
   1. You are expected to use good programming style. Deductions will be taken for poor indentation, bad variable names, excessively long methods, duplicate code, etc.  
        
      Documentation of your code is not needed for this assignment.