

CS554: Advanced Topics in Concurrent Computing Systems

Homework 1: 10% of your final grade

Deadline: Friday, September 24, 2021 at 10PM CST

Submission: Email to drmark@uic.edu with attached PDF that contains your solutions.

1. Exercise 1.1 from the textbook, page 15. Describe your solution in your submission PDF and supply a link to your github repository that contains the implementation of your solution in Java. For additional 2 points provide an additional implementation of the solution using LMAX Disruptor. (2 + 2 points)
2. Exercise 1.7 from the textbook, page 17. (2 points)
3. Exercise 2.1 from the textbook, page 42. (2 points)
4. Exercise 2.3 from the textbook, page 43. (2 points)
5. Exercise 3.1 from the textbook, page 70. (2 points)