CSCI 321 Computer Science III Fall 2018

Assignment 1

1. (60 points) Perform an experimental analysis of the two algorithms prefixAverage1 and prefixAverage2. Visualize their running times as a function of the input size with a chart. Hint: You need to pick several input sizes and run at least 5 tests on each input size to have an accurate estimate on the running time.
2. (40 points) Textbook (Goodrich 6th edition), Chapter 2 Pg. 100, Problem C-2.24.