CSCI 321 Computer Science III Summer 2019

Assignment 1

1. 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:

1. You need to pick several input sizes and run at least 5 tests (random array) on each input size to have an accurate estimate on the running time.
2. You might need to use large array size, say 1000, 5000, 10000 in order to see the performance difference between the two algorithms.