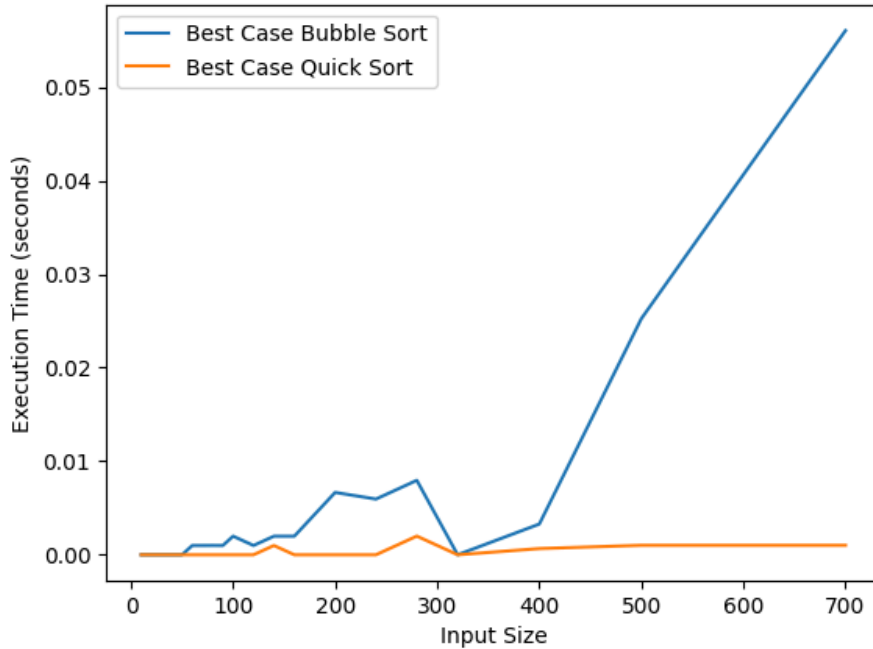


Exercise #2 - Performance

3.

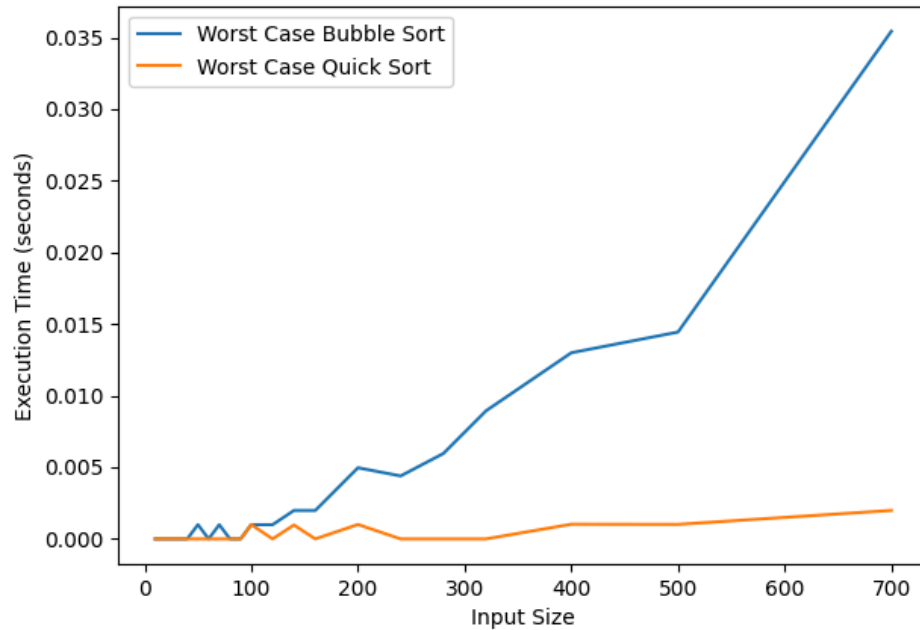
Best Case:

Best Case Bubble Sort vs Best Case Quick Sort - Performance Comparison



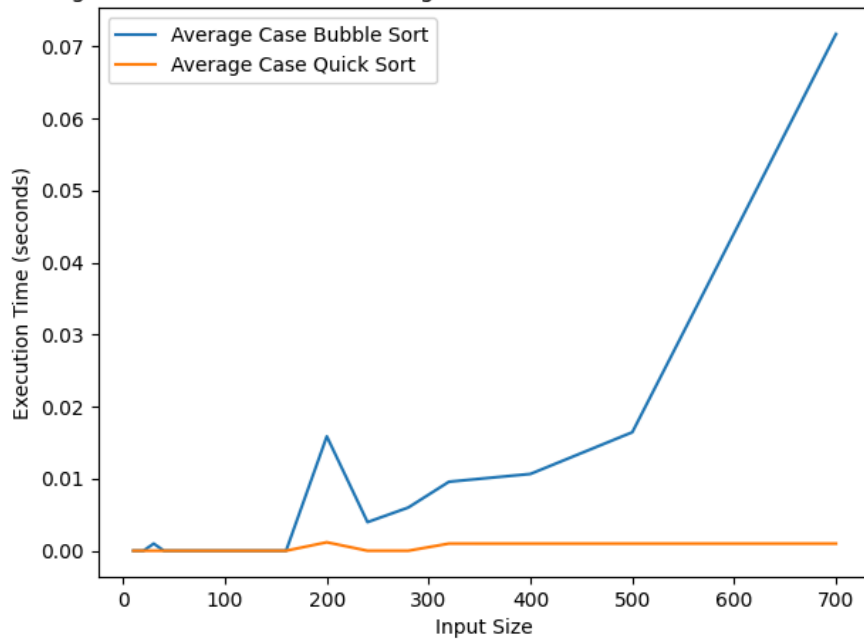
Worst Case:

Worst Case Bubble Sort vs Worst Case Quick Sort - Performance Comparison



Average Case:

Average Case Bubble Sort vs Average Case Quick Sort - Performance Comparison



4. I chose the threshold to be 700 as this was good enough to see the differences in execution times. I experimented with a lot of different input sizes and chose this one to be the best as it shows the execution times in the early stages and also shows how much it differs in the later stages. This would mean that the threshold determines that the input is not “small”.