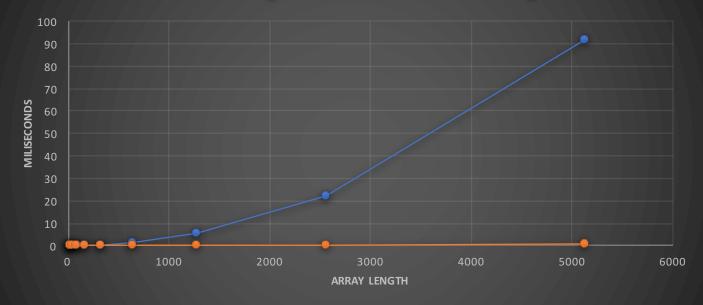BubbleSort vs MergeSort battle of C322 Assignment 1