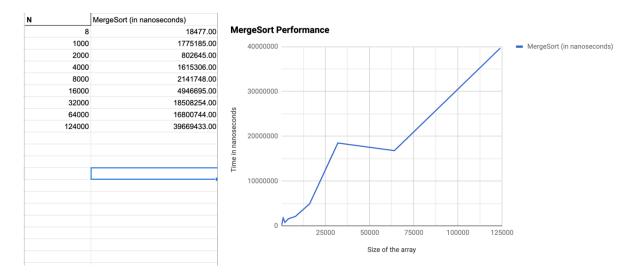
ADAM LEACY - 18313471 - MERGESORT

A merge-sort algorithm utilises a divide and conquer technique when sorting an array. This means the array is broken into sub-arrays which are sorted into a sorted arrays that are then merged back together.

Table and Graphical representation of timings found



This graph proves that a merge-sort algorithm has a time complexity of O(n log(n)).