1. Bubble and Selection sort algorithms presented very long performance times in their worst-case scenarios. It occurs due to the fact that, in their worst-case scenarios, they have a complexity of O(N2), because of the nested for loops that are within their algorithms. On the other hand, when it comes to their best-case scenarios, we see that there is a clear difference between them. Bubble sort has a much efficient performance than Selection sort in that case. I conclude that it happens because Selection sort, even in its best case, still has a complexity of O(N2), while the Bubble sort has the advantage of having a complexity of just O(N). That is why even when the vectors are already sorted the Selection sort algorithm takes almost the same time it would take if it was unsorted.