Lab 12 Report

Date: 4/27/20

Group: Wednesday Group 08

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# Objectives/Concepts explored and their Importance in Computer Science

The objective of this lab was to investigate the actual performance of different sorting algorithms.

# Task 2: Table

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sorting algorithm/array size | Time (in ms) for 10 runs | | | | | |
|  |  |  |  |  |  |
| Bubble sort |  |  |  |  |  |  |
| Insertion sort |  |  |  |  |  |  |
| Merge sort |  |  |  |  |  |  |
| Quicksort |  |  |  |  |  |  |
| Counting sort |  |  |  |  |  |  |
| Radix-sort |  |  |  |  |  |  |

# Task 2: Graph

# Task 2: Discussion

Using the table and the graphs above, we can infer that

# User Instructions

# Contributions

All members contributed an equal amount.