Lab 12 Report

Date: 4/27/20

Group: Wednesday Group 08

Group Members: Alan Joshua, Isaac Krisch, Zaina Qasim

# Objectives/Concepts explored and their Importance in Computer Science

The objective of this lab was to explore and compare different sorting algorithms

# Task 2: Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sorting algorithm/array size | Time in ms | | | | |
| 10 | 100 | 500 | 5000 | 25000 |
| Bubble sort |  |  |  |  |  |
| Insertion sort |  |  |  |  |  |
| Merge sort |  |  |  |  |  |
| Quicksort |  |  |  |  |  |
| Counting sort |  |  |  |  |  |
| Radix-sort |  |  |  |  |  |

# Task 2: Graph

# Task 2: Discussion

# User Instructions

# Contributions

All members contributed an equal amount.