C21348423 Adrian Capacite

Assignment report

Algorithm and Design and Problem

Contents

# Deliverables

## Data structure

## Flowchart of combine and sort process

## Pseudocode for employees certified to work on all lines

## Pseudocode for searching surnames

## Code for each flowchart and pseudocode above in C

# Explanation of how requirements were met

* How did you use merge sort
* How did you decreased the number of leaves in the execution tree of merge sort using another sorting algorithm
* How did you increase the efficiency of that sorting algorithm previously mentioned

# Time complexity analysis