



Credit Hours System
Analysis and design Algorithms
CMPN302



Cairo University
Faculty of Engineering

Algorithms Assignment 1

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Hybrid

The approach i used that Choose the algorithm that will give me smallest execution time according to size of input.

Difference in the efficiency

The time consumed during medium and large size has been shorter

For **small - medium** (size < 50,000)size unsorted input : i am using **merge sort**

For **large** (size >=50,000) size unsorted input : i am using **quick sort**

For sorted input : always use insertion sort