
ANALYSIS OF SORTING ALGORITHMS

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Scott McCoy
108786190

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INTRODUCTION

The goal of this project was to learn about several different sorting algorithms and the relationship between their time complexities and their real world run times. This was achieved by implementing each algorithm in C++ and observing, graphing, and comparing the changes in run times for each algorithm when using different lengths and configurations for the array. A statistical analysis of the run times of each configuration and algorithm was also performed.