

Programming Project I, Second Report

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1 Abstract

As proposed in the first report, we would like to compare the efficiency of different memory management methods via a **0-1 Knapsack**. We discussed the current memory management methods, the different approaches we would like to use (Brute Force, Dynamic Programming, Greedy Solution) and our plan of implementations.

After implementing the pseudocode provided in Report #1, rigorous testing and extensive running of sample data, we have completed conclusive evidence to our proposed problem.

In this report we would like to discuss our findings.

2 Implementation

3 Experiment

4 Roles

- Illya Starikov
 - Project Manager
 - Brute Force Development
 - Abstract, Experiment Writement
- Timothy Ott
 - Greedy Algorithm Development
 - Development Writeup
 - Testing Documents
- Claire Trebing
 - Dynamic Programming Development
 - Experiment Writing Up
 - Quality Assurance

5 Conclusion