

Day 46 Task

Brute Force

1. Solve the given 0-1 Knapsack problem Given weights and values of n items, put these items in a knapsack of capacity W to get the maximum total value in the knapsack.

In other words,

Given: value $[0...n-1]$, weight $[0...n-1]$ & W .

Find: Maximum value subset of value $[0...n-1]$ such that the sum of the weights of this subset is smaller than or equal to W .

Property: You can't break an item, either pick it or don't.

The expected output is shown below.

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