Optimal solution for 0/1 knapsack problem

Formal problem statement:

- Given: vectors of weights w_i and values v_i where $0 \le i \le N-1$ for N items; knapsack holds W
- Find 0/1 vector t_i

Technique: exhaustive search

1) Enumerate all possible combinations of items

2) Choose the best one that satisfies contraints

6.00x - Optimization Problems

Generating the power set of items