Algorithmic Operation Research

Homework 6 - Bonus
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Exercise 1. Define the 0-1 knapsack problem.

Exercise 2. Give a dynamic programming solution to the 0-1 knapsack problem.

Exercise 3. Give real world applications of knapsack problem.

Exercise 4. Define the Subset sum problem and give a dynamic programming solution for it. Write down the difference between the subset sum and the knapsack problem.