

Deadline: June 14, 2018

Knapsack- brute-force

Implement brute-force algorithm to solve discrete knapsack problem. Generate potential solutions as a binary characteristic vector. Each student has to use his/her own dataset from a file given during tutorials. Number in a first row is a capacity of knapsack, each next line has two numbers: value and weight. Print as a result solution: characteristic vector, sum of items weights, sum of items value. Provide printing characteristic vectors as an option of a program (do not print it during computations - printing may slow down computations). Optional: check execution time of your program.