

Upload a zip file name CE000FullNameLab02.zip containing source and pdf files.

DAA

Lab2 Assignment

Fractional Knapsack Problem

Making Change Problem

- Source file

- Input Data File

- Output screenshots

- (.pdf) Document talking about variations and strategy. Drawback or exception cases where bad performance is observed. See if you can time it empirically.

Must write problem description completely with assumptions/limitations, if any in source files in the internal documentation (Program Beginning).

Hint:

1) Try to store input data in a file and read for multiple time testing program while developing OR

Initialize arrays dataset1, 2, 3, etc for testcases. Test array dataset 1 then comment it, uncomment and test array dataset 2, likewise for all test cases (Best, Worst, Avg, Random, All dup, no dup, etc).

2) May develop program versions step by step with removed assumptions. Submit only final/best version.

17-12-2020

Deadline: 24th Dec, 2020 10:00 a.m.