Assignment 1

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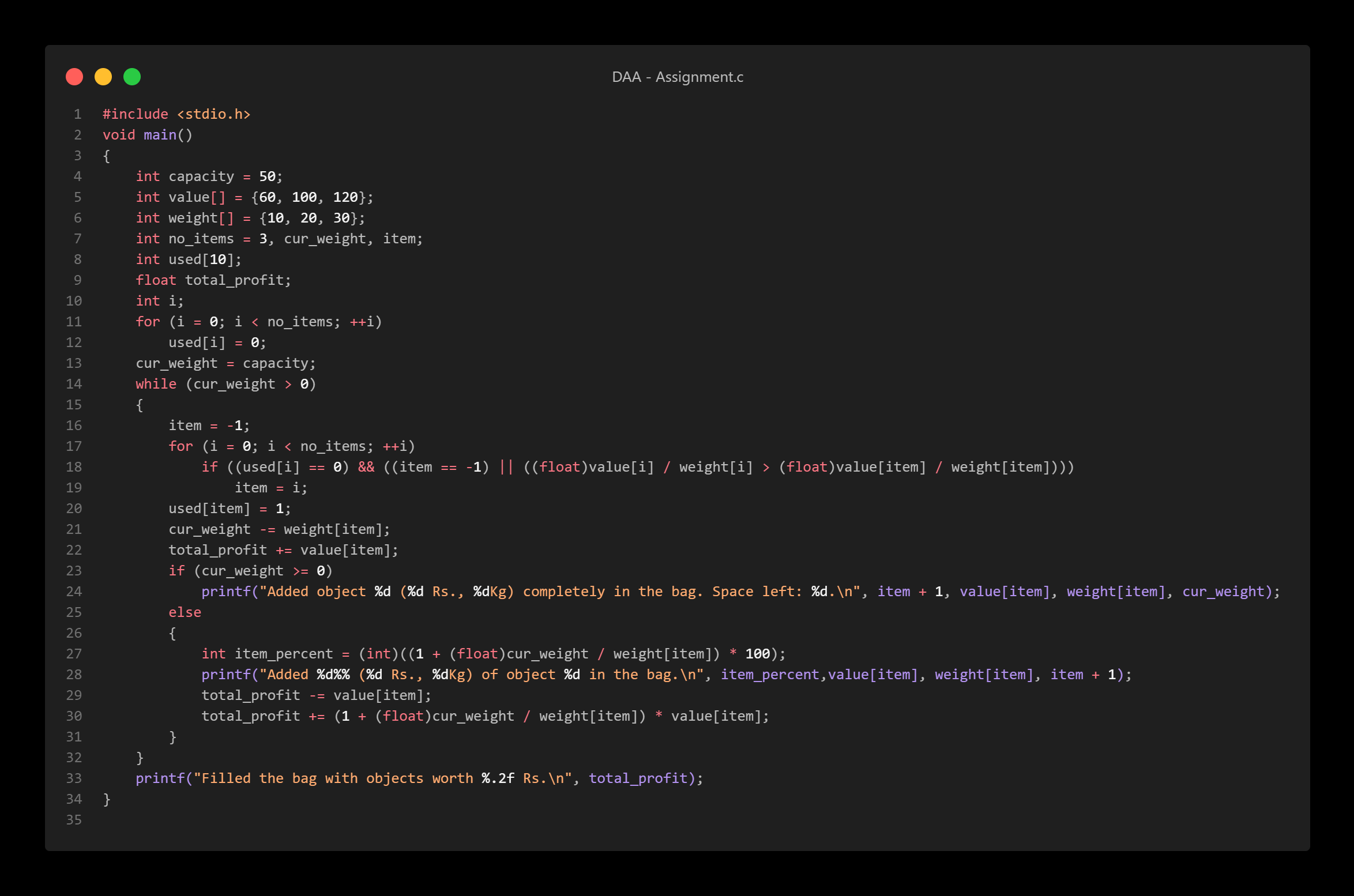
PRN: 72018560C

Problem Statement: -

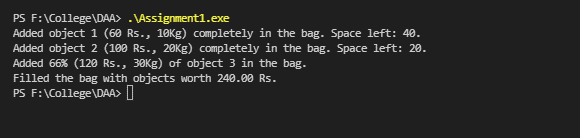
Write a program to implement Fractional knapsack using Greedy algorithm and 0/1 knapsack using dynamic programming. Show that Greedy strategy does not necessarily yield an optimal solution over a dynamic programming approach.

1. Fractional knapsack using Greedy algorithm

Code:

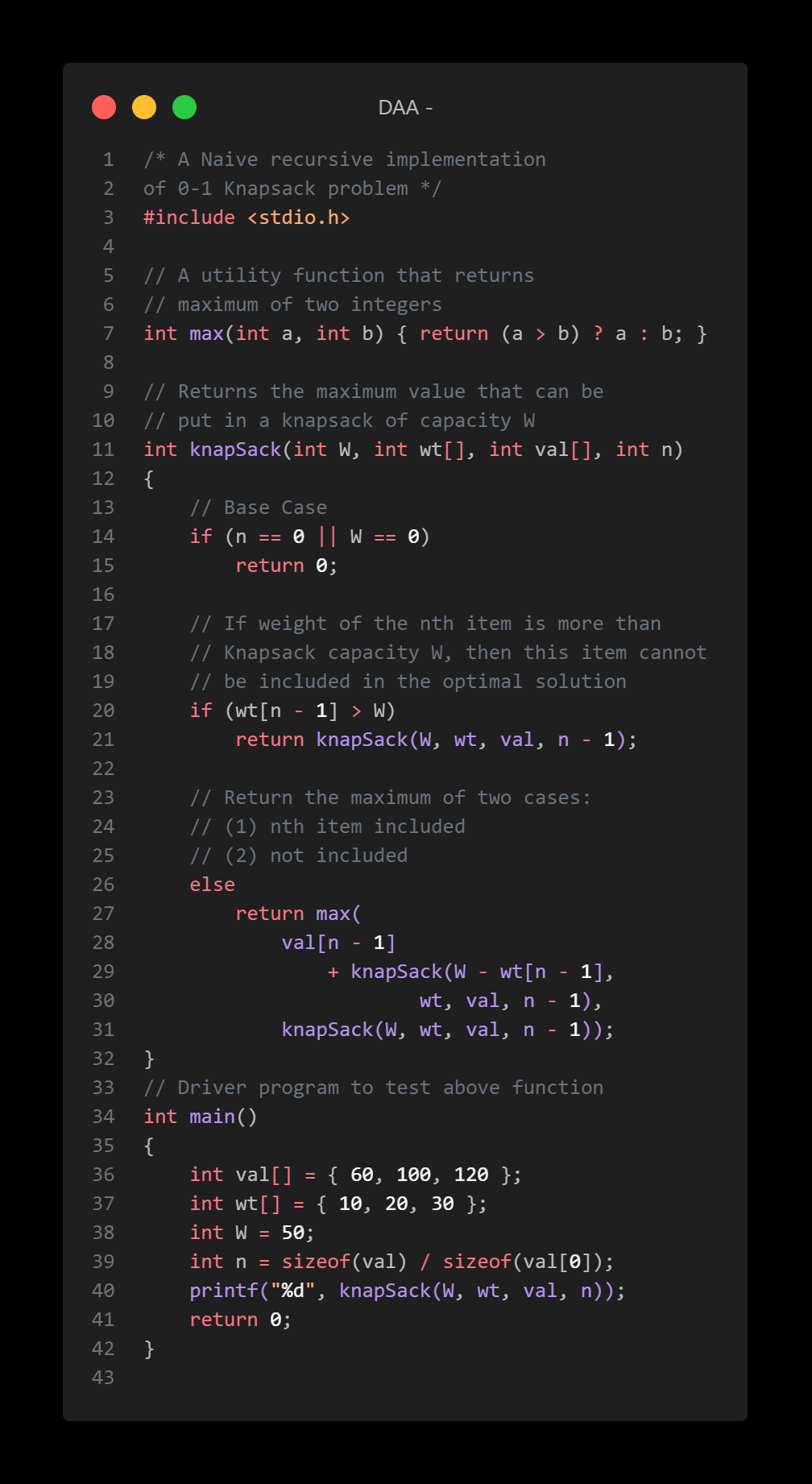


Output:



2) 0/1 knapsack using dynamic programming

Code:



Output:

