

Assignment-II

Due February 7, 2021 11:59 PM Closes February 8, 2021 11:59 PM

Instructions

1. Solve the following fractional knap-sack problem using Greedy method and find the maximum profit. Assume the capacity of the knap-sack is 15.

Item {I1 I2 I3 I4}, Profit {10, 10, 12, 18}, Weight {2, 4, 6, 9}

2. Solve the following **job sequencing** with deadline problem for the following jobs using **greedy algorithm and find** the maximum profit.

Job Number {J1, J2, J3, J4, J5, J6}, Profit= {300, 250, 130, 212, 100, 424}, Deadline= {4, 2, 3, 3, 3, 3}