

CS515 - Algorithms & Data Structures

Practice Assignment 3

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Problem 1
Job Scheduling

- (a)
- (b)
- (c)

Problem 2

A wrong greedy algorithm for the Knapsack problem

- (a)
- (b)
- (c)

Problem 3

A randomized algorithm for generating biased random bits

$$p(F) = p(T) = 0.5$$

(a)

(b)

(c)

Problem 4
Tax Screening System