CS3230 Design & Analysis of Algorithms   **March 24, 2022**

Lecture 9: Greedy Algorithms

Lecturer: Warut Suksompong

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The goal of this lecture is to introduce you to the concept of greedy algorithms. Most of the contents of the lecture presentation are drawn directly from **Chapter 16 and 23 of CLRS**. The relevant sections of the chapters are:

- Section 16.2: Elements of the greedy strategy (including fractional knapsack)

- Section 16.3: Huffman codes

- Section 23.2: The algorithms of Kruskal and Prim