

# CE100 Algorithms and Programming II

Greedy Algorithms, Knapsack

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### 0.1 CE100 Algorithms and Programming II

### 0.2 Week-7 (Greedy Algorithms, Knapsack)

0.2.0.1 Spring Semester, 2021-2022 Download DOC<sup>1</sup>, SLIDE<sup>2</sup>, PPTX<sup>3</sup>

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### 0.3 Greedy Algorithms, Knapsack

### 0.4 Outline

- Greedy Algorithms and Dynamic Programming Differences
  - Greedy Algorithms
    - Activity Selection Problem
    - Knapsack Problems
      - \* The 0-1 knapsack problem
      - \* The fractional knapsack problem
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### 0.5 References

TODO

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<sup>1</sup>[ce100-week-7-knapsack.en.md\\_doc.pdf](#)

<sup>2</sup>[ce100-week-7-knapsack.en.md\\_slide.pdf](#)

<sup>3</sup>[ce100-week-7-knapsack.en.md\\_slide.pptx](#)