Assignment6:

- Zitong Huang, 12432670, Computer Science and Engineering

- Scene Reconstruction

- Prof. Feng Zheng
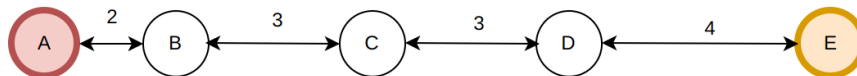
Task 6-1

K=2

Order

Center Selection

A — 2 — B — 3 — C — 3 — D — 4 — E

Distance-based greedy removal

A — 1 — B — 3 — C — 2 — D — E

Greedy Inclusion Algorithm Based on the Original Objective
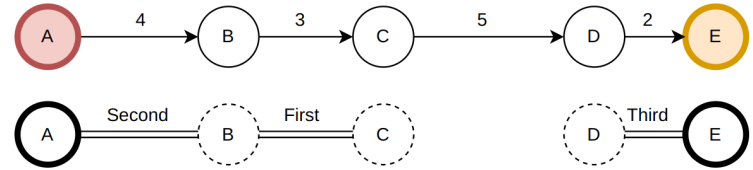
A B C D E

Greedy removal algorithm based on the original objective function

A B C D E

Task 6-2

- After change distance between nodes, solution of these algorithm changed.

- Now greedy algorithm can find a better solution.