

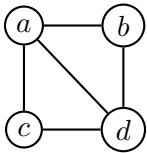
CS 228, Graph Representations and Isomorphism

Name:

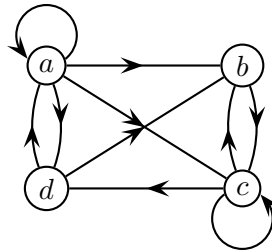
Some questions are from **Discrete Mathematics and It's Applications 7e** by Kenneth Rosen.

Some questions below will refer to the following two graphs:

A



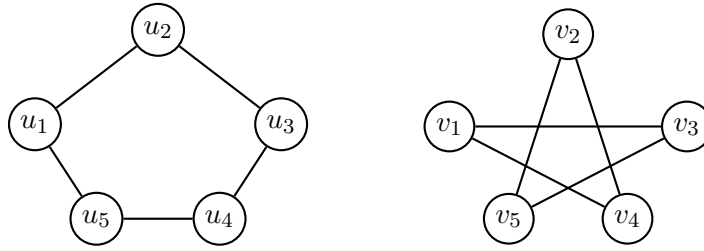
B



- Represent graphs *A* and *B* using adjacency lists.

- Represent graphs *A* and *B* using adjacency matrices.

- Are the following two graphs isomorphic? Exhibit an isomorphism, or provide an argument that none exists.



- Are the following two graphs isomorphic? Exhibit an isomorphism, or provide an argument that none exists.

