Assignment 6

Implement an undirected weighted Graph ADT using Adjacency Matrix. Initialize the Graph using a text file passed as a command line argument to main. Write function to perform the following operations:

- 1. Display the Graph
- 2. Display degree of each vertex
- 3. Verify if the graph connected.
- 4. Display number of components in the Graph and vertices in each component.
- 5. Check if one vertex is adjacent to another.