Homework 4 : Problem 3

I represented the graph as an adjacency list, where every row represents a node in the graph. Within each row, each index represents a pair <A,B>, where A is the destination node and B is the edge label. This allows for several edge's going to the same destination node from the current node. An adjacency list is more efficient in terms of storage space than a matrix since the list never has empty indexes. Not only this, but the list allows me to store edge information within the Node class rather than creating an Edge class. This made the code more manageable and easier to understand.