REPORT ASSIGNMENT 4A

The important decisions taken while forming the table are:
1. Three classes are defined in the table
2. These are as follows:

    GRAPH:
    a. this class is used to store the input elements into a graph structure
    b. a structure of the vertex is defined having a link and a string data
    c. these structures are stored in an array
    d. the adjacency list is made
    e. if a two strings have a difference of only one character than it is added to list of both the lists.

    TABLE:
    a. this table is used to store the path from source to destination
    b. a structure of a Boolean (to store the known/unknown), string(to store the previous vertex) and a string (to store the name of the current vertex)
    c. table is defined and updated from within the graph

    QUEUE:
    a. this is a normal queue defined to be used in order to store the strings and dequeue them in FIFO fashion.
    b. This is also defined and managed from within the graph class.

3. The program prompts the user to enter the source and destinations words recursively .

"The program is well commented for any further assistance"