Name:....

CS2123 Data Structures

Q16

Suppose we use the following structures to represent a graph using **adjacency list** and read the information about the below graph form a file. Accordingly, we create its adjacency list as shown below.



graphT *g;

Now we want to eliminate/remove the links whose weights are greater than maxW from the graph g. You are asked to write a function, **void link_elimination(graphT *g, int maxW)**; which can perform that task and update the necessary fields in graph g and the adjacency lists.

For Example, if we call link elimination (g, 5); the graph g and thus its representation will be:



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```
void link_elimination(graphT *g, int maxW)
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