Experiment – 05

Implement the following routing algorithms in C language:
1) Distance Vector Routing (DVR) algorithm using Bellman-Ford
2) Link State Algorithm using Dijkstra's

Input

      n m
      u1 v1 w1
       .
       .
       .
      um vm wm

      'n' is the number of nodes and 'm' is the number of links.
      Each edge i is described in it's own line where ui and vi are the source and
      destination vertices respectively.
      wi gives the weight for the i-th link.

Output
      Contains the distance and predecesor vectors for each vertex.

Deadline   : 01, Mar.'21 (1.00 pm)
Evaluation mode   : Program will be given based on the experiment