JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

COMPUTER NETWORKS (15B11CI511)
BTECH 5TH SEM 2019
Submission Deadline: 09/12/2019

Assignment-2 [CO4]

Q.1 Consider the network shown in Figure-1. Using Dijkstra's algorithm, compute the routing table for the following nodes:

    a. Compute the shortest path from t to all network nodes.
    b. Compute the shortest path from u to all network nodes.
    c. Compute the shortest path from v to all network nodes.
    d. Compute the shortest path from w to all network nodes.
    e. Compute the shortest path from y to all network nodes.
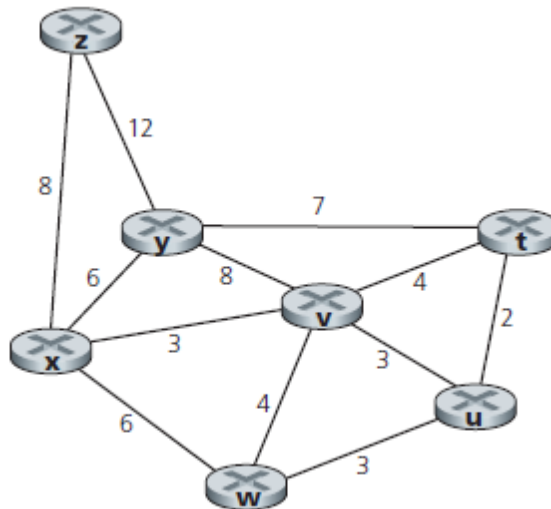   f. Compute the shortest path from z to all network nodes.

Figure-1