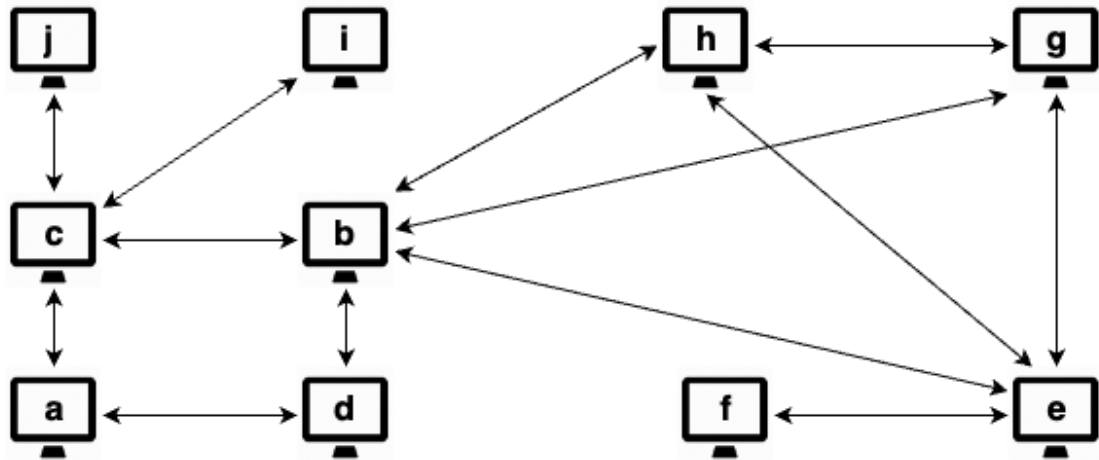


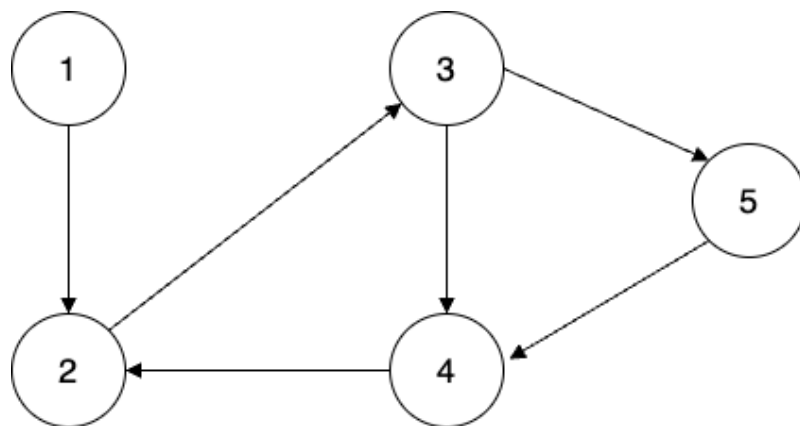
Assignment 7

- Find out the path of the data traversing through the following network using:
 - Breadth First Search Technique
 - Depth First Search Technique



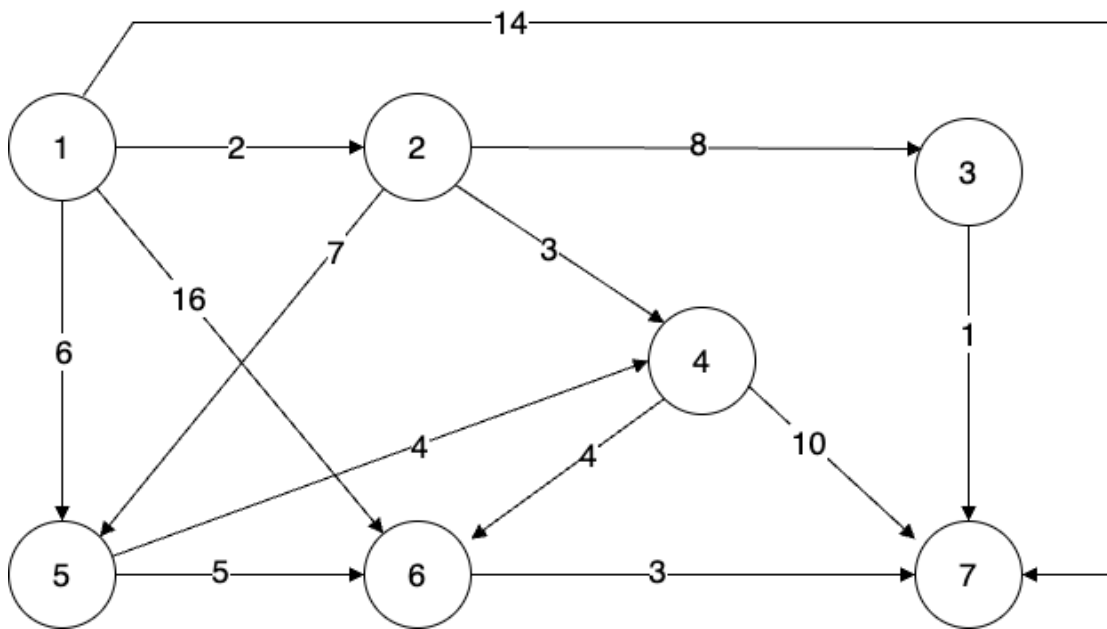
Note: Data originates from **Computer a (Node a)**

- Find the transitive closure of the following graph:



Show all the matrices.

3. Using Dynamic Programming, find the Least Cost path of the following Graph.



4. Insert the following elements in the array to a Binary Search Tree (BST)

7	20	5	15	10	4	33	2	25	6
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The order of insertion is from left to right. 7, 20, 5, ... , 6

5. How many different Binary Tree shapes are possible with 7 nodes?