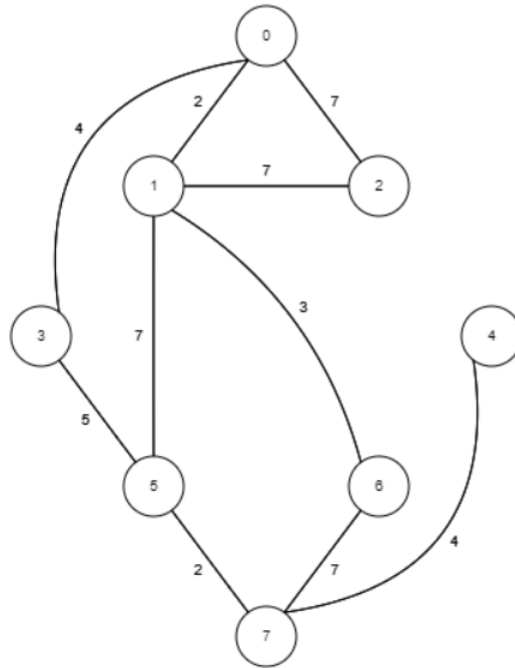


Unit 2 Worksheet

For SRN's ending with 0 or 5

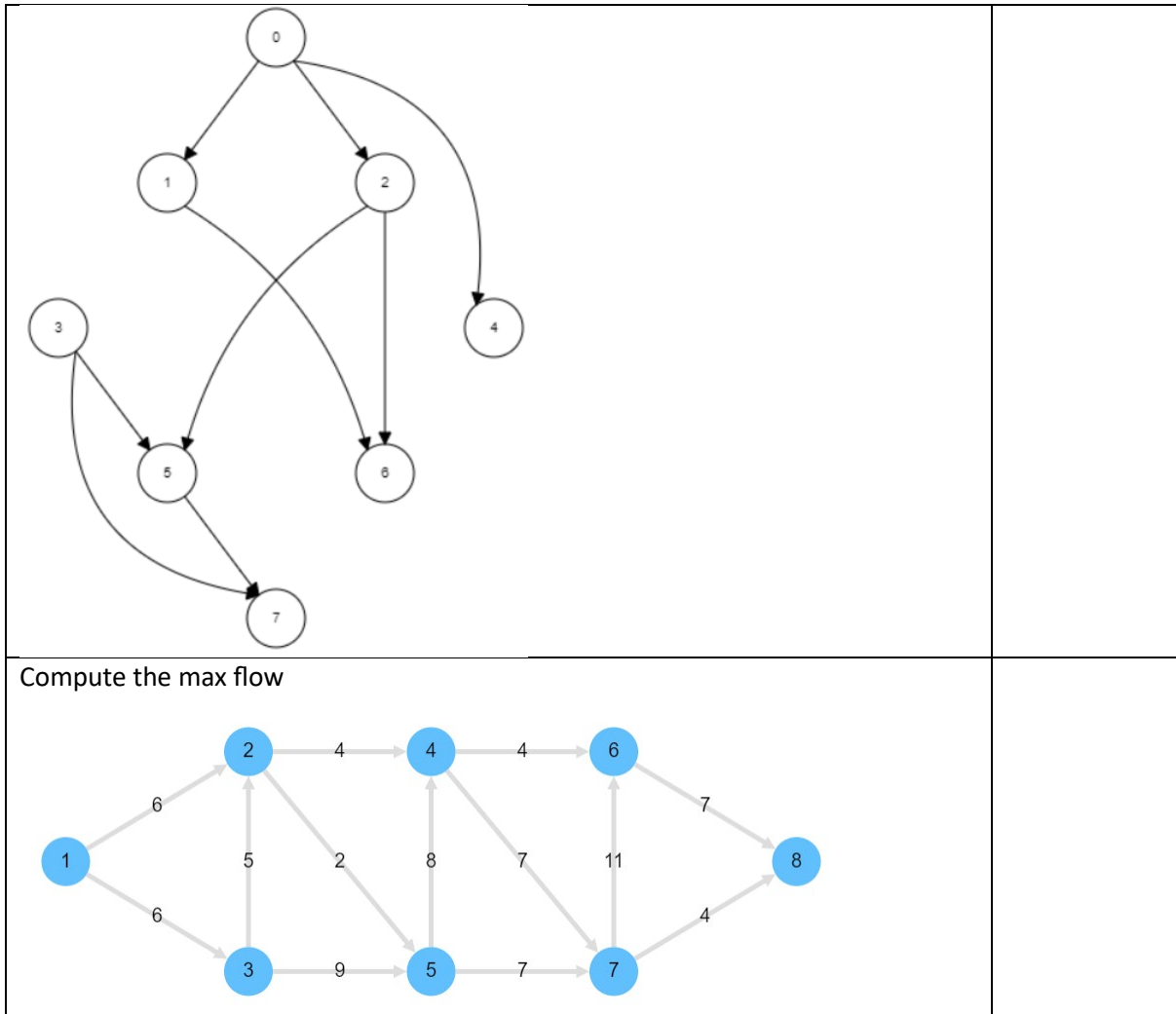


1. Generate MST using Prim's algorithm
2. Find the path from 3 to all other vertices
3. Generate ASSP

For the graph given

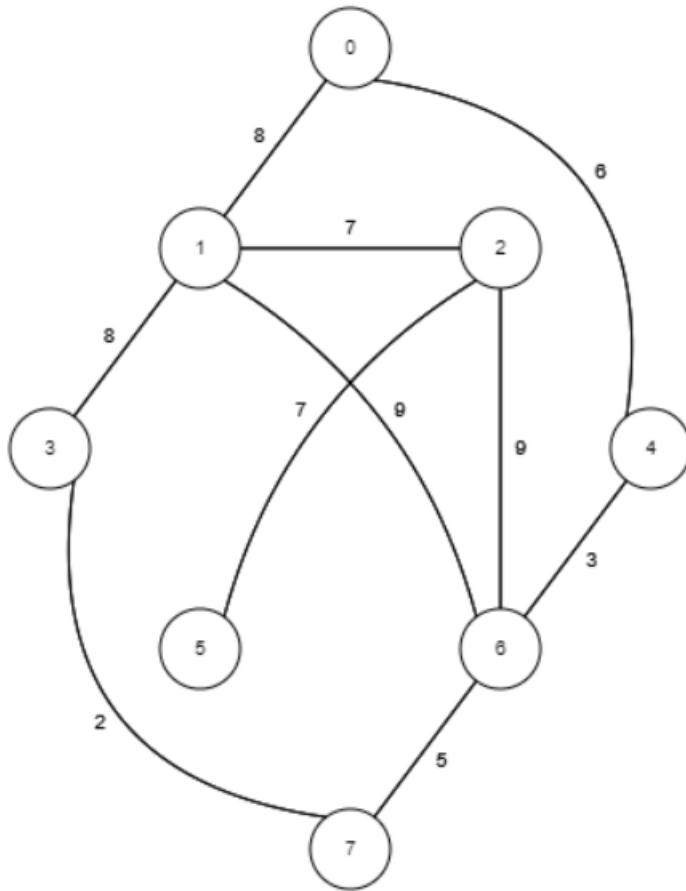
Perform Topological sort using Application of DFS

UQ23CA651B ALGORITHMS ANALYSIS AND DESIGN



**For all SRN's ending with 1 or 6**

For the graph given

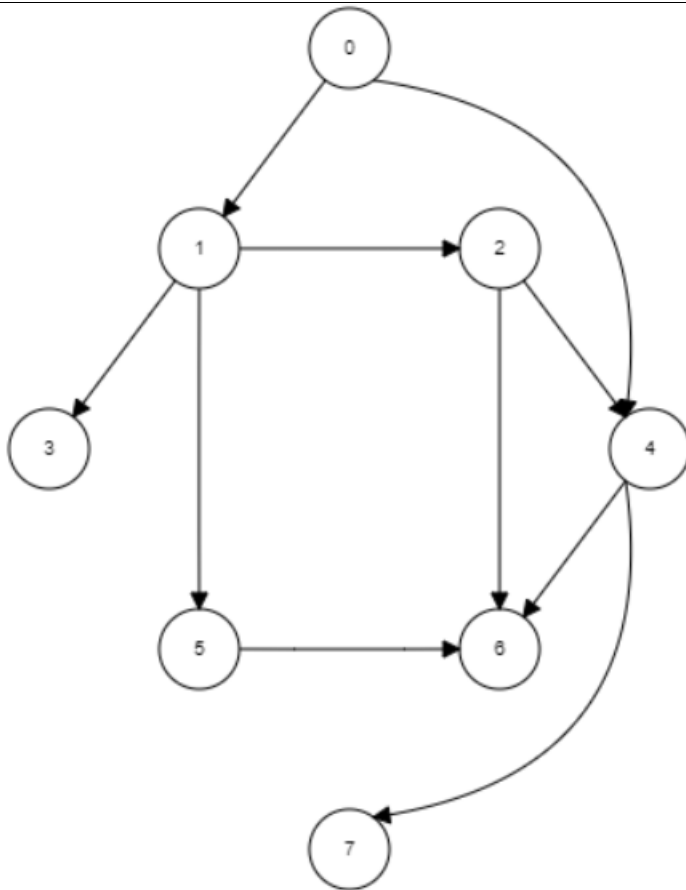


1. Generate MST using Kruskal's algorithm
2. Find the distance from 7 using Dijkstra's algorithm
3. Generate ASSP

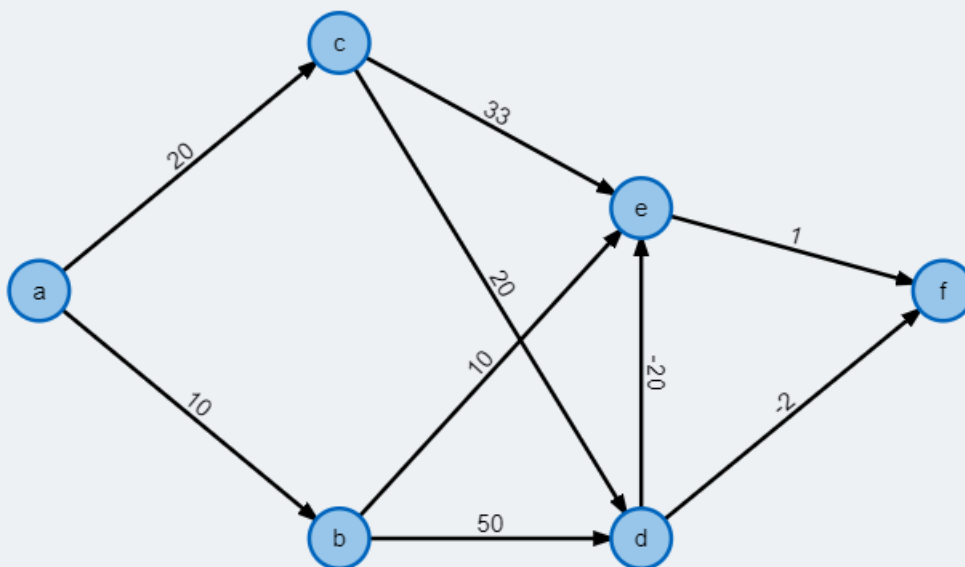
For the graph given

Perform Topological sort using source removal technique

UQ23CA651B ALGORITHMS ANALYSIS AND DESIGN

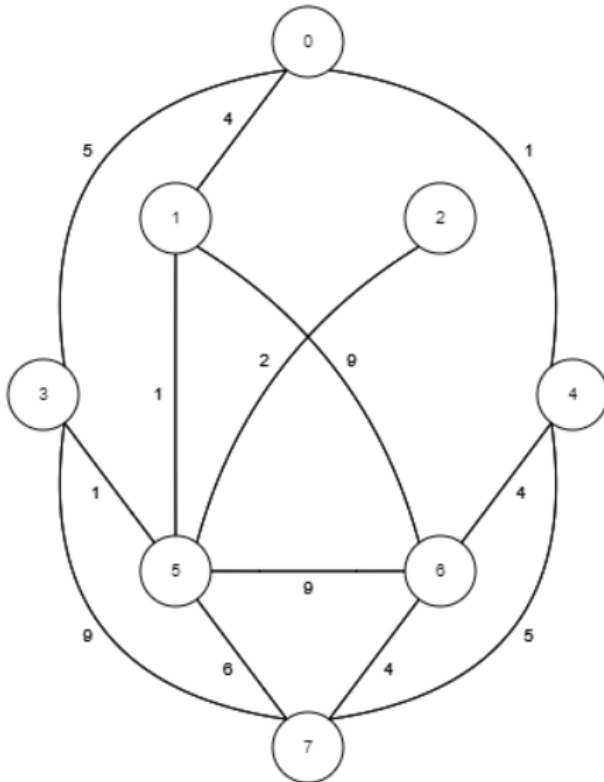


Implement Bellman Ford from a



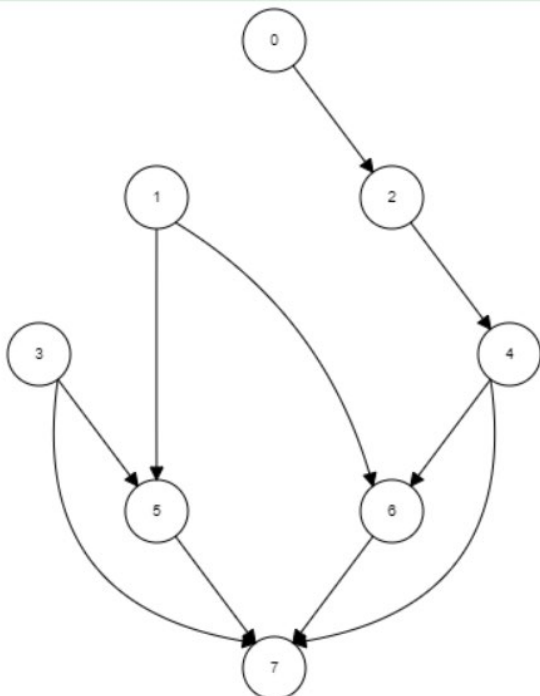
**For all SRN's ending with 2 or 7**

For the graph given



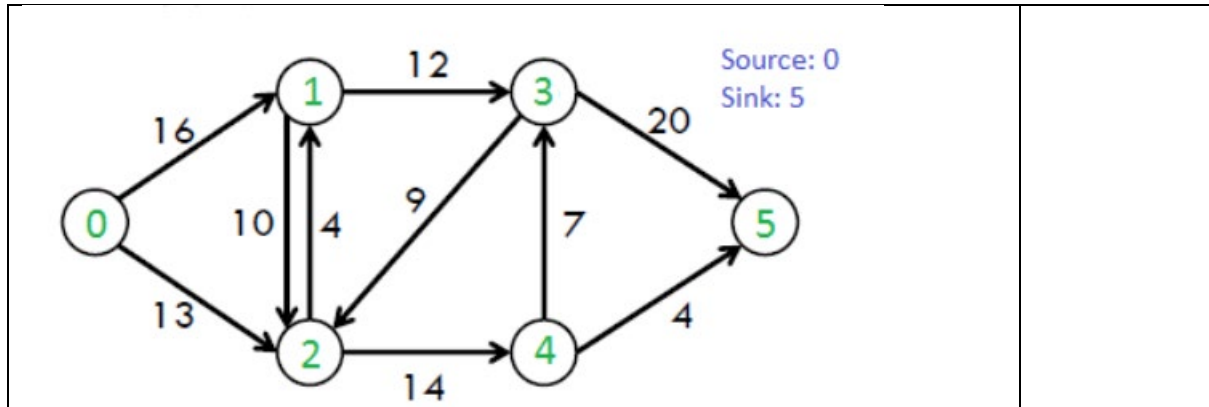
1. Generate MST using Prim's algorithm
2. Find the distance from vertex 3.
3. Find ASSP

For the graph given



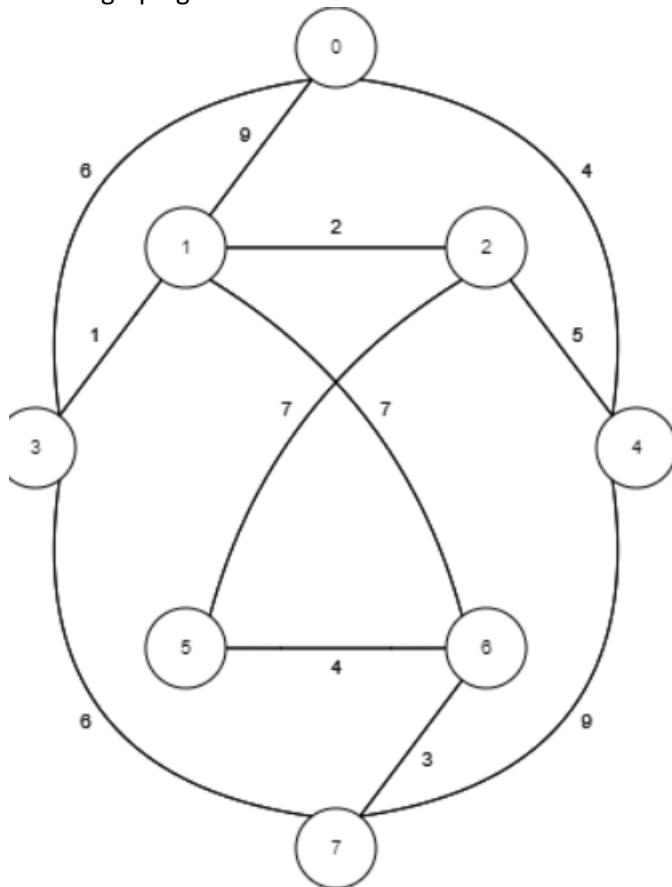
Perform topological sort using Application of DFS

Compute max flow



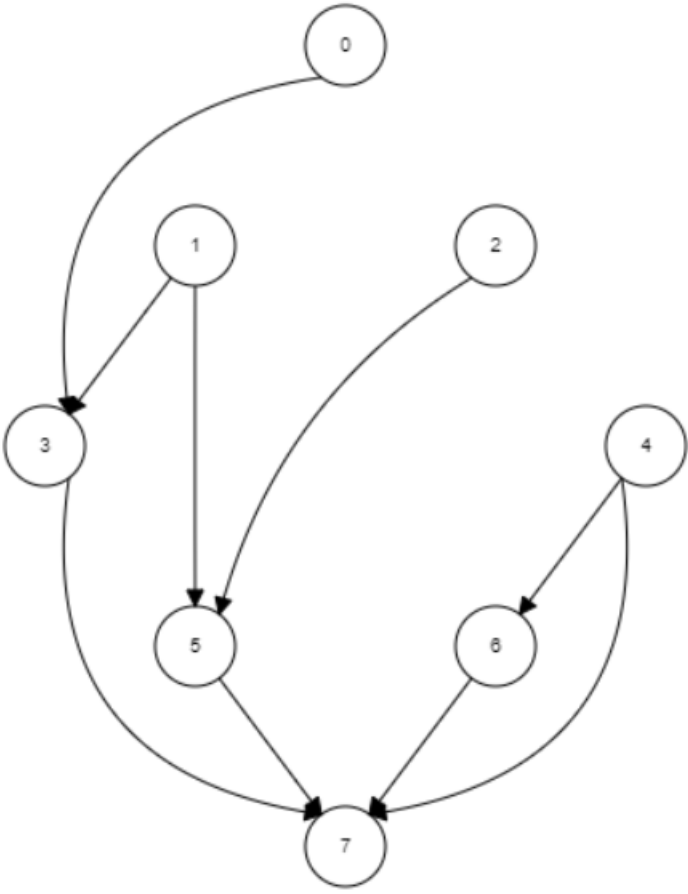
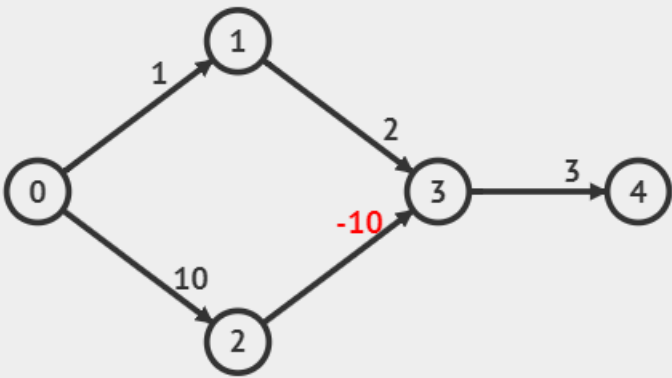
**For all SRN's ending with 3 or 8**

For the graph given



1. Find MST using Kruskal's Algorithm
2. Find the distance from 1 using Dijkstra's algorithm
3. Find ASSP

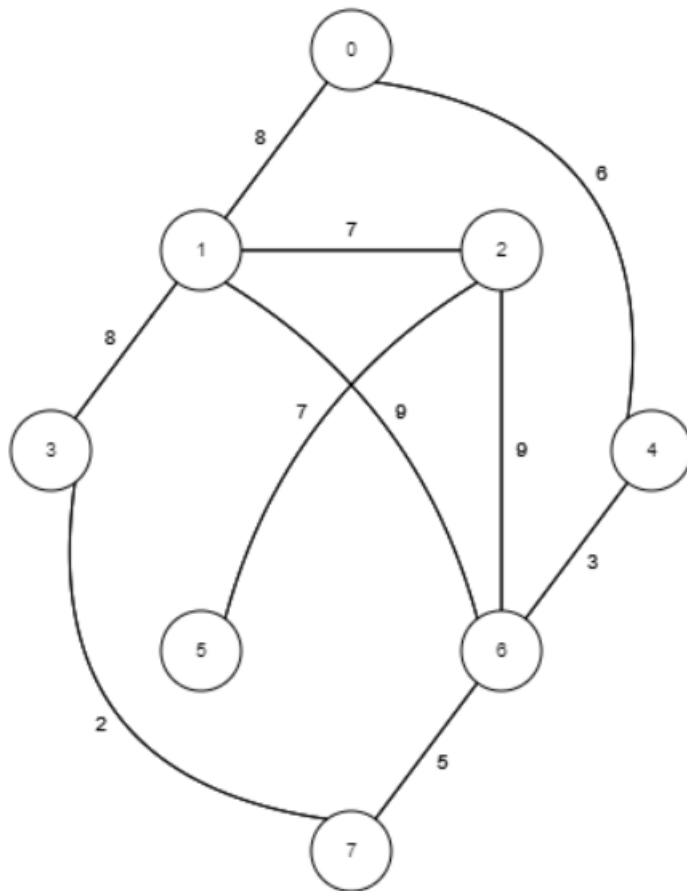
UQ23CA651B ALGORITHMS ANALYSIS AND DESIGN

	<p>Perform Topological sort using Application of DFS</p>
<p>Implement Bellman-Ford Algorithm with source 0</p> 	

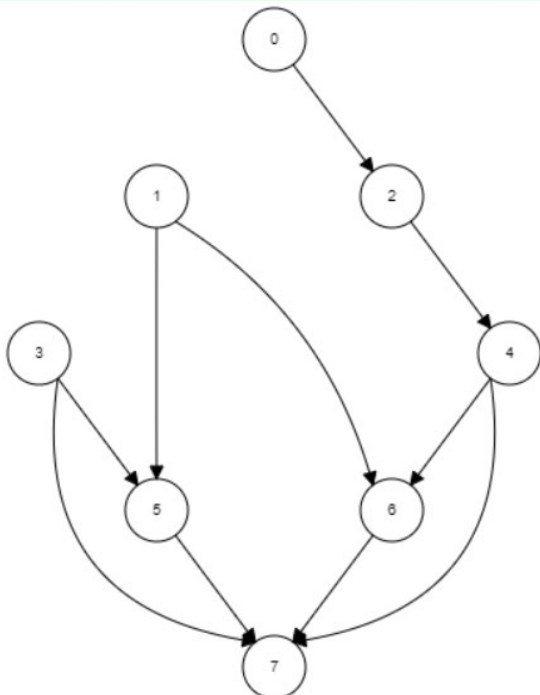


**For all SRN's ending with 4 or 9**

For the graph given



4. Find MST using Kruskal's Algorithm
5. Find the distance from 1 using Dijkstra's algorithm
6. Find ASSP



Perform Topological sort using Application of DFS

Implement Bellman-Ford Algorithm with source 0

UQ23CA651B ALGORITHMS ANALYSIS AND DESIGN

