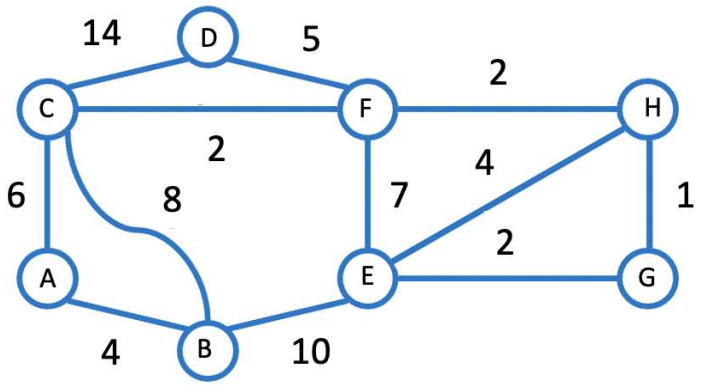
This assignment does not count toward the final grade.

Shortest Path Activity

Start Assignment

Due No Due Date **Points** 0 **Submitting** a text entry box or a file upload
File Types pdf **Available** after Nov 28, 2022 at 9:40a.m.

1) Using Dijkstra's algorithm, find the shortest path from A to all other vertices in the graph below. What is the order in which vertices get removed from the priority queue? What is the resulting shortest-path tree? Be sure to fill a table that shows for each vertex, the shortest path from A and the corresponding distance from A.



2) Using Bellman-Ford algorithm, find the shortest path from A to all other vertices in the previous graph.