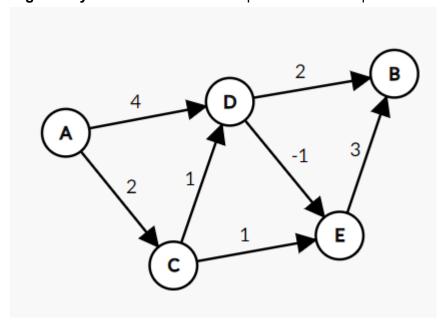
Module - 17.5: Practice Problems

- 1. "It is impossible to get the shortest distance to a node in a graph with **negative cycles**" is this statement correct? Explain why or why not with an example.
- 2. Will Bellman-Ford work on unweighted graphs? Why or why not?
- 3. Simulate **Bellman-Ford** Algorithm on the following graph? Detect if there exists any **negative cycle.** Show simulation steps. No code is required.



4. Simulate **Bellman-Ford** in the following graph and detect the **negative cycle** in it. Show your simulation steps. No code is required.

