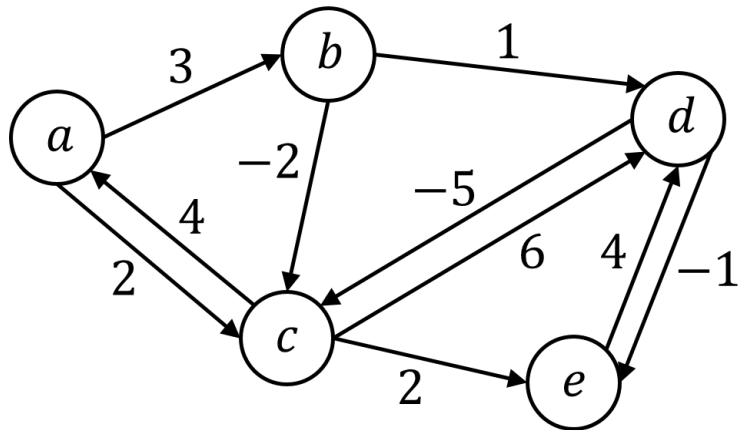


COSC 311: ALGORITHMS

MINI 8

Due Friday, November 8 in class

1. Shortest paths revisited. Here's a graph:



Fill in the below table to show what happens when you run the Bellman-Ford algorithm on this graph to find the shortest path from a to each other node.

	0	1	2	3	4
a					
b					
c					
d					
e					

2. Reconstructing solutions. Explain how to use the filled-in table from problem 1 to reconstruct the sequence of nodes visited on the shortest path from a to e .