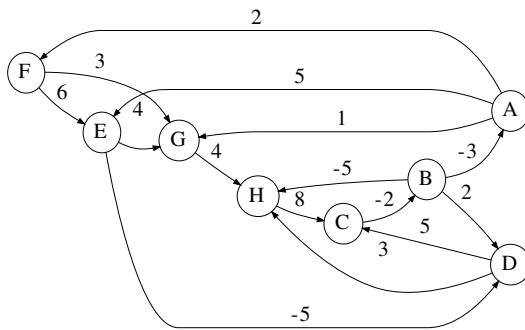
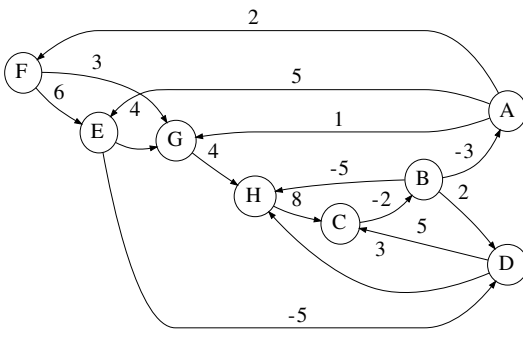


1. Write your name below:

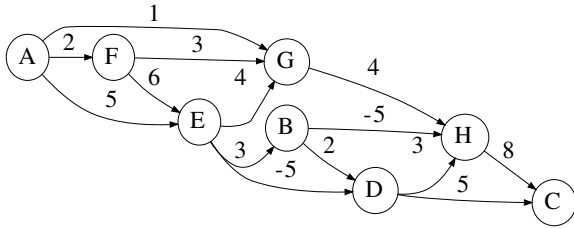
2. Trace the execution of the Bellman-Ford single-source shortest paths (SSSP) algorithm on the following directed graph, with vertex A as the source. Use the textbook's Fig. 22.4 (p. 613) as a model. Relax edges in lexicographic order. Annotate predecessor edges with check marks.



[additional space for earlier material]



3. Trace the execution of the DAG-SHORTEST-PATHS algorithm on the following DAG, using the textbook's Fig. 22.5 (p. 618) as a model.



[additional space for earlier material]

