DAG-SHORTEST-PATHS$(G, w, s)$

1  topologically sort the vertices of $G$
2  INITIALIZE-SINGLE-SOURCE$(G, s)$
3  **for** each vertex $u \in G.V$, taken in topologically sorted order
4      **for** each vertex $v$ in $G.Adj[u]$
5          RELAX$(u, v, w)$