

FLOYD-WARSHALL' (W, n)

1 $D = W$

2 **for** $k = 1$ **to** n

3 **for** $i = 1$ **to** n

4 **for** $j = 1$ **to** n

5 $d_{ij} = \min \{d_{ij}, d_{ik} + d_{kj}\}$

6 **return** D