For the graph below, fill in the adjacency matrix.
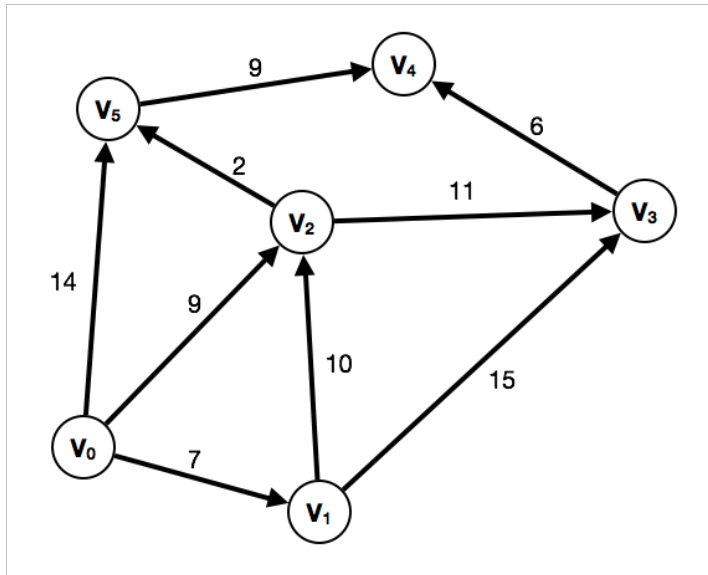
	V0	V1	V2	V3	V4	V5
V0						
V1						
V2						
V3						
V4						
V5						

In the graph below, use vertex V_0 as the source vertex. Find the shortest path from V_0 to all other vertices in the graph using Dijkstra's shortest path algorithm.