

The figure displays three terminal windows, each showing the output of a Python script for a different network topology. The script calculates the shortest path from node 1 to node 3 using Dijkstra's algorithm.

Terminal 1 (Left): Shows the shortest path for a topology where node 1 is connected to node 3 with a cost of 5. The output table is:

ID	NextHop	Cost
1	1	4
2	2	0
3	1	5

Terminal 2 (Middle): Shows the shortest path for a topology where node 1 is connected to node 3 with a cost of 5. The output table is:

ID	NextHop	Cost
1	1	1
3	3	0
2	1	5

Terminal 3 (Right): Shows the shortest path for a topology where node 1 is connected to node 3 with a cost of 1. The output table is:

ID	NextHop	Cost
1	1	0
2	2	4
3	3	1