**Assignment 04 Output:**

Enter number of intersections: 6

Enter number of roads: 8

Enter roads as: startNode endNode travelTime(mins)

0 1 4

0 2 2

1 2 1

1 3 5

2 3 8

2 4 10

3 4 2

3 5 6

Ambulance starting intersection: 0

Number of hospitals: 2

Enter hospital node indices: 4 5

Calculating shortest travel paths...

--- Emergency Route ---

Ambulance start: 0

Hospital nodes: [4, 5]

Nearest hospital: 4 (Travel time: 10 mins)

Shortest path: 0 -> 2 -> 1 -> 3 -> 4

Execution time: 6.564 ms

=== Code Execution Successful ===