

**t.txt**

Output:

Graph has 9 nodes (0 to 8)

Enter the source node: 8

Shortest distances from node 8:

Node 0: 1

Node 1: 6

Node 2: 6

Node 3: 14

Node 4: 2

Node 5: 4

Node 6: 3

Node 7: 5

Node 8: 0