

```
1 C:\Users\moham\AppData\Local\Microsoft\WindowsApps\
  python3.11.exe D:\Mohammad\CN2\Distance_Vector\main.
  py
2 Final Cost Tables:
3 Node 0 costs to other nodes:
4   to node 0: cost 0
5   to node 1: cost 4
6   to node 2: cost 5
7   to node 3: cost 6
8   to node 4: cost 7
9   to node 5: cost 6
10  to node 6: cost 8
11  to node 7: cost 7
12  to node 8: cost 8
13  to node 9: cost 3
14
15 Node 1 costs to other nodes:
16  to node 0: cost 4
17  to node 1: cost 0
18  to node 2: cost 3
19  to node 3: cost 2
20  to node 4: cost 5
21  to node 5: cost 4
22  to node 6: cost 11
23  to node 7: cost 4
24  to node 8: cost 5
25  to node 9: cost 1
26
27 Node 2 costs to other nodes:
28  to node 0: cost 5
29  to node 1: cost 3
30  to node 2: cost 0
31  to node 3: cost 5
32  to node 4: cost 2
33  to node 5: cost 1
34  to node 6: cost 9
35  to node 7: cost 7
36  to node 8: cost 8
37  to node 9: cost 2
38
39 Node 3 costs to other nodes:
```

```
40    to node 0: cost 6
41    to node 1: cost 2
42    to node 2: cost 5
43    to node 3: cost 0
44    to node 4: cost 7
45    to node 5: cost 6
46    to node 6: cost 9
47    to node 7: cost 2
48    to node 8: cost 3
49    to node 9: cost 3
50
51 Node 4 costs to other nodes:
52    to node 0: cost 7
53    to node 1: cost 5
54    to node 2: cost 2
55    to node 3: cost 7
56    to node 4: cost 0
57    to node 5: cost 3
58    to node 6: cost 7
59    to node 7: cost 9
60    to node 8: cost 10
61    to node 9: cost 4
62
63 Node 5 costs to other nodes:
64    to node 0: cost 6
65    to node 1: cost 4
66    to node 2: cost 1
67    to node 3: cost 6
68    to node 4: cost 3
69    to node 5: cost 0
70    to node 6: cost 10
71    to node 7: cost 8
72    to node 8: cost 7
73    to node 9: cost 3
74
75 Node 6 costs to other nodes:
76    to node 0: cost 8
77    to node 1: cost 11
78    to node 2: cost 9
79    to node 3: cost 9
80    to node 4: cost 7
```

```
81    to node 5: cost 10
82    to node 6: cost 0
83    to node 7: cost 7
84    to node 8: cost 8
85    to node 9: cost 11
86
87 Node 7 costs to other nodes:
88    to node 0: cost 7
89    to node 1: cost 4
90    to node 2: cost 7
91    to node 3: cost 2
92    to node 4: cost 9
93    to node 5: cost 8
94    to node 6: cost 7
95    to node 7: cost 0
96    to node 8: cost 1
97    to node 9: cost 5
98
99 Node 8 costs to other nodes:
100   to node 0: cost 8
101   to node 1: cost 5
102   to node 2: cost 8
103   to node 3: cost 3
104   to node 4: cost 10
105   to node 5: cost 7
106   to node 6: cost 8
107   to node 7: cost 1
108   to node 8: cost 0
109   to node 9: cost 6
110
111 Node 9 costs to other nodes:
112   to node 0: cost 3
113   to node 1: cost 1
114   to node 2: cost 2
115   to node 3: cost 3
116   to node 4: cost 4
117   to node 5: cost 3
118   to node 6: cost 11
119   to node 7: cost 5
120   to node 8: cost 6
121   to node 9: cost 0
```

122

123

124 Process finished with exit code 0

125