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1 C:\Users\skbal\anaconda3\python.exe "C:/Users/skbal/
  PycharmProjects/coursera/DISTANCE VECTOR ALGORITHM.py
  "
2 Enter the no. of routers:
3 5
4 Enter the adjacency matrix : Enter 99 for infinity
5 0 1 5 99 99
6 1 0 3 99 9
7 5 3 0 4 99
8 99 99 4 0 2
9 99 9 99 2 0
10 Routing table for 0
11 Dest      Cost      Next Hop
12 0         0         0
13 1         1         1
14 2         4         1
15 3         8         1
16 4        10         1
17 Routing table for 1
18 Dest      Cost      Next Hop
19 0         1         0
20 1         0         1
21 2         3         2
22 3         7         2
23 4         9         4
24 Routing table for 2
25 Dest      Cost      Next Hop
26 0         4         1
27 1         3         1
28 2         0         2
29 3         4         3
30 4         6         3
31 Routing table for 3
32 Dest      Cost      Next Hop
33 0         8         2
34 1         7         2
35 2         4         2
36 3         0         3
37 4         2         4
38 Routing table for 4
39 Dest      Cost      Next Hop

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```
40 0      10      1
41 1      9       1
42 2      6       3
43 3      2       3
44 4      0       4
45
46 Process finished with exit code 0
47
```