```
File Edit View Search Terminal Help
Enter the number of nodes: 4
Enter the cost matrix :
 2 0 4
3
 0 2 3
 1 4 0
3 4 1 2
For router 1
node 1 via 1 Distance 0
node 2 via 3 Distance 1
node 3 via 3 Distance 0
node 4 via 3 Distance 0
 For router 2
node 1 via 1 Distance 3
node 2 via 2 Distance 0
node 3 via 3 Distance 2
node 4 via 3 Distance 2
```

For router 3

node 1 via 1 Distance 2 node 2 via 2 Distance 1 node 3 via 3 Distance 0 node 4 via 4 Distance 0

For router 4

node 1 via 1 Distance 3 node 2 via 3 Distance 2 node 3 via 3 Distance 1 node 4 via 4 Distance 0

nitin@nitin-virtualbox:~\$