```
nitin@nitin-virtualbox:~$ vi Dijkstra.c
nitin@nitin-virtualbox:~$ gcc Dijkstra.c
nitin@nitin-virtualbox:~$ ./a.out

 Enter the number of nodes:6

 Enter the cost matrix:
0 2 4 0 0 0
0 0 1 7 0 0
0 0 0 0 3 0
0 0 0 0 0 1
0 0 0 2 0 5
0 0 0 0 0 0


  Enter the source node:1

  Shortest path:
1->2,cost=2
1->3,cost=3
1->4,cost=8
1->5,cost=6
1->6,cost=9
nitin@nitin-virtualbox:~$
```