OUTPUT:

```
Enter the no of vertices:        6

Enter the cost matrix:
0 25 35 9999 100 9999
25 0 27 14 9999 9999
35 27 0 29 50 9999
9999 14 29 0 9999 21
100 9999 50 9999 0 48
9999 9999 9999 21 48 0

enter the source node:  1

the shortest distance is:

1----->1=0
1----->2=25
1----->3=35
1----->4=39
1----->5=85
1----->6=60
```