

Enter no. of vertices:5

Enter the adjacency matrix:

```
0 0 6 3 0
3 0 0 0 0
0 0 0 2 0
0 1 1 0 0
0 4 0 2 0
```

Enter the starting node:2

Distance of node0=6

Path=0<-1<-3<-2

Distance of node1=3

Path=1<-3<-2

Distance of node3=2

Path=3<-2

Distance of node4=9999

Path=4<-2