

INPUT:-

```
int G[max][max] =  
{ {0,1,0,3,10},  
  {1,0,5,0,0},  
  {0,5,0,2,1},  
  {3,0,2,0,6},  
  {10,0,1,6,0} };
```

OUTPUT:-

```
clang++-7 -pthread -std=c++17 -o main main.cpp  
./main
```

Distance of node1=1

Path=1<-0

Distance of node2=5

Path=2<-3<-0

Distance of node3=3

Path=3<-0

Distance of node4=6

Path=4<-2<-3<-0