**Code:**

#include<iostream>

using namespace std;

int main()

{

int m[5][5], p[5];

int min,u,v,no\_edge,total;

u=0;

v=0;

no\_edge=1;

total=0;

for(int i=0;i<5;i++)

{

p[i]=0;

for(int j=0;j<5;j++)

{

cout<<i<<j<<endl;

cin>>m[i][j];

if(m[i][j]==0)

{

m[i][j]=999;

}

}

}

while(no\_edge<5)

{

min=999;

for(int i=0;i<5;i++)

{

for(int j=0;j<5;j++)

{

if(m[i][j]<min)

{

min=m[i][j];

u=i;

v=j;

}

}

}

int x=u;

int y=v;

while(p[x]!=0)

{

x=p[x];

}

while(p[y]!=0)

{

y=p[y];

}

if(x!=y)

{

no\_edge++;

cout<<"edge found"<<u<<"->"<<v<<"MIN"<<min;

total+=min;

p[v]=u;

}

m[u][v]=m[v][u]=999;

}

cout<<"Weight is"<<total;

return 0;

}