```c
#include<stdio.h>

#include<conio.h>

int a,b,u,v,n,i,j,ne=1;

int visited[10]={0},min,mincost=0,cost[10][10];

void main()

{

    clrscr();

    printf("\nEnter the number of nodes:");

    scanf("%d",&n);

    printf("\nEnter the adjacency matrix:\n");

    for(i=1;i<=n;i++)

    for(j=1;j<=n;j++)

    {

        scanf("%d",&cost[i][j]);

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

            cost[i][j]=999;

    }

    visited[1]=1;

    printf("\n");

    while(ne < n)

    {

        for(i=1,min=999;i<=n;i++)

        for(j=1;j<=n;j++)

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

        if(visited[i]!=0)

        {
```

```c
                    min=cost[i][j];

                    a=u=i;

                    b=v=j;

            }

            if(visited[u]==0 || visited[v]==0)

            {

                    printf("\n Edge %d:(%d %d) cost:%d",ne++,a,b,min);

                    mincost+=min;

                    visited[b]=1;

            }

            cost[a][b]=cost[b][a]=999;

        }

        printf("\n Minimun cost=%d",mincost);

        getch();

}
```

```
Enter the number of nodes:4

Enter the adjacency matrix:
0 2 0 5
3 0 5 0
0 1 0 2
6 0 3 0


 Edge 1:(1 2) cost:2
 Edge 2:(1 4) cost:5
 Edge 3:(4 3) cost:3
 Minimun cost=10
```