```
#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];
int main() {
        printf("\n Enter the number of nodes:");
        scanf("%d",&n);
        printf("\n Enter 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) {
                          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;
```

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            }
            cost[a][b]=cost[b][a]=999;
        }
        printf("\n Minimun cost=%d",mincost);
        getch();
}
```