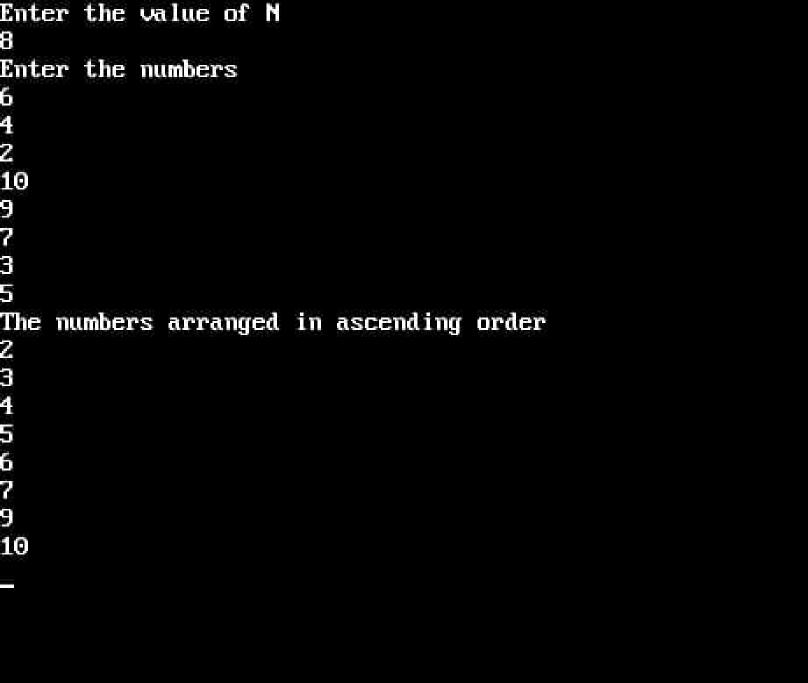
```
\ADS\SORT.C ======
#include(stdio.h)
#include(conio.h)
void main()
int i, j,a,n, number[30];
clrscr();
printf("Ester the sales of M sa");
scanf ( an);
printf("Enter the numbers an");
for(i=0; i<n; i++)
scanf( & anumber[i]);
for(i=0;i<n;i++)
                                                        Activate
for(j=i+1; j<n; j++)
                                                        Windows
if (number[il>number[jl)
                                                        Go to Settings to
a=number[i];
number[i]=number[j];
                                                        activate Windows.
number[j]=a;
______(I
```

```
7=[ $ ]=
                                 \ADS\SORT.C =
scanf ( an);
printf("Enter the numbers bm");
for(i=0; i<n; i++)
scanf(", anumber[i]);
for(i=0; i<n; i++)
for(j=i+1;j<n;j++)
if (number[i]>number[j])
a=number[i];
number[i]=number[j];
number[j]=a;
                                                          Activate
                                                          Windows
printf("The numbers arranged to ascending andersa");
                                                          Go to Settings to
for(i=0;i<n;i++)
printf("at sm", number[i]);
                                                          activate Windows.
getch();
—— 28:1 ——(I
```



Activate
Windows
Go to Settings to
activate Windows.

```
ADS\SORT.C
                                NADSNPRIMS.C
                                                                      8-[1]
#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("Enter the number of moles-");
scanf ( an);
printf("Enter the adjacency metric on");
for(i=1;i<=n;i++)
for(j=1;j<=n;j++)
                                                         Activate
scanf( dcost[i][j]);
                                                         Windows
if (cost[i][j]==0)
cost[i][j]=999;
                                                         Go to Settings to
visited[1]=1;
                                                         activate Windows.
printf( );
while(ne < n)
  _______________
```

```
ADS\SORT.C
                                ADS\PRIMS.C =
scanf(" acost[i][j]);
if(cost[i][j]==0)
cost[i][j]=999;
visited[1]=1;
printf(");
while(ne < n)
for(i=1,min=999;i<=n;i++)
for(j=1;j<=n;j++)
if (cost[i][j]Kmin)
                                                        Activate
if(visited[i]!=0)
                                                        Windows
min=cost[i][j]:
a=u=i;
                                                        Go to Settings to
b=v=j;
                                                       activate Windows.
if (visited[u]==0 || visited[v]==0)
   — 13:1 ——(I
```

```
NADSNSORT.C
                                NADSNPRIMS.C
                                                                        -8=[†]=
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("an Educ ad Cad ad) cmat ad", ne++,a,b,min);
                                                          Activate
mincost += min:
visited[b]=1;
                                                          Windows
cost[a][b]=cost[b][a]=999;
                                                          Go to Settings to
printf("am Minimum must ad", mincost);
                                                          activate Windows.
getch();
    41:1
```

```
Enter the number of nodes:6
Enter the adjacency matrix:
0 3 1 6 0 0
3 0 5 0 3 0
1 5 0 5 6 4
6 0 5 0 0 2
0 3 6 0 0 6
0 0 4 2 6 0
```

```
Edge 1:(1 3) cost:1
Edge 2:(1 2) cost:3
Edge 3:(2 5) cost:3
Edge 4:(3 6) cost:4
Edge 5:(6 4) cost:2
Minimum cost 13_
```

Activate
Windows
Go to Settings to
activate Windows.