```
main.c
for c/c++
                   #include<stdio.h>
                    #include<conio.h>
                2
g. share.
                    void kruskals();
                    int c[10][10],n;
                4
                5 void main(){
                 6
                         int i,j;
                         printf("\nEnter the no. of vertices:\n");
                         scanf("%d",&n);
iing
                         printf("\nEnter the cost matrix:\n");
                          for(i=1;i<=n;i++){
                10 -
stions
                              for(j=1;j<=n;j++){
                11
9
                                   scanf("%d",&c[i][j]);
                12
                13
                          kruskals();
                          getch();
                     void kruskals(){
                           int i,j,u,v,a,b,min;
                          int parent[10];
for(i=1;i<=n;i++){
    parent[i]=0;</pre>
```

```
par che[+] v)
              24
                       while(ne!=n-1){
g. share.
              25 -
                            min=9999;
              26
              27 -
                            for(i=1;i<=n;i++){
              28 *
                                 for(j=1;j<=n;j++){
              29 -
                                      if(c[i][j]<min){
               30
                                          min=c[i][j];
               31
iing
                                          u=a=i;
               32
                                          v=b=j;
stions
               33
               34
               35
                             while(parent[u]!=0){
               36
                                 u=parent[u];
                             while(parent[v]!=0){
                                 v=parent[v];
                             }
if(u!=v){
                                 parent[v]=u;
```

