```
File Edit Scarch
                                           Project Options
                                INSERTIO.C
#include<stdio.h>
#include<comio.h>
int a[20],n,i,j,temp;
void display(){
for(i=0;i<n;i++){
void insertionsort(){
printf("\nInsertion sort You tion is called...\n");
temp, i, j;
for(i=0; i<n; i++){
temp=a[i];
.j=i-1;
while(a[j]>temp && j>=0){
a[j+1]=a[j];
a[j+1]=temp;
```

1:39

```
File Edit Search Run Compile Debug Project Options
                                                                   Window
                                                                           Heli
                                   INSERTIO.C
                                                                          1=[ #
j=i-1;
while(a[j]>temp && j>=0){
a[j+1]=a[j];
a[j+1]=temp;
void main(){
clrscr():
printf("Enter the size of the array:");
scanf ("zd",&n);
for(i=0;i<n;i++){
printf("\nEnter the element xd:",i+1);
scanf ("zd", &a[i]);
insertionsort();
display();
getch();
       34:39 ===
F1 Help
        Alt-F8 Next Msg
                         Alt-F7 Prev Msg
                                                           F9 Make
                                                                    F10 Menu
                                          Alt-F9 Compile
```

Enter the size of the array:5

Enter the element 1:65

Enter the element 2:9

Enter the element 2:54

Enter the element 4:78

Enter the element 5:2

Insertion sort function is called.

Element 1=2

Element Z=9

Element 3=54

Element 4=65

Element 5=76