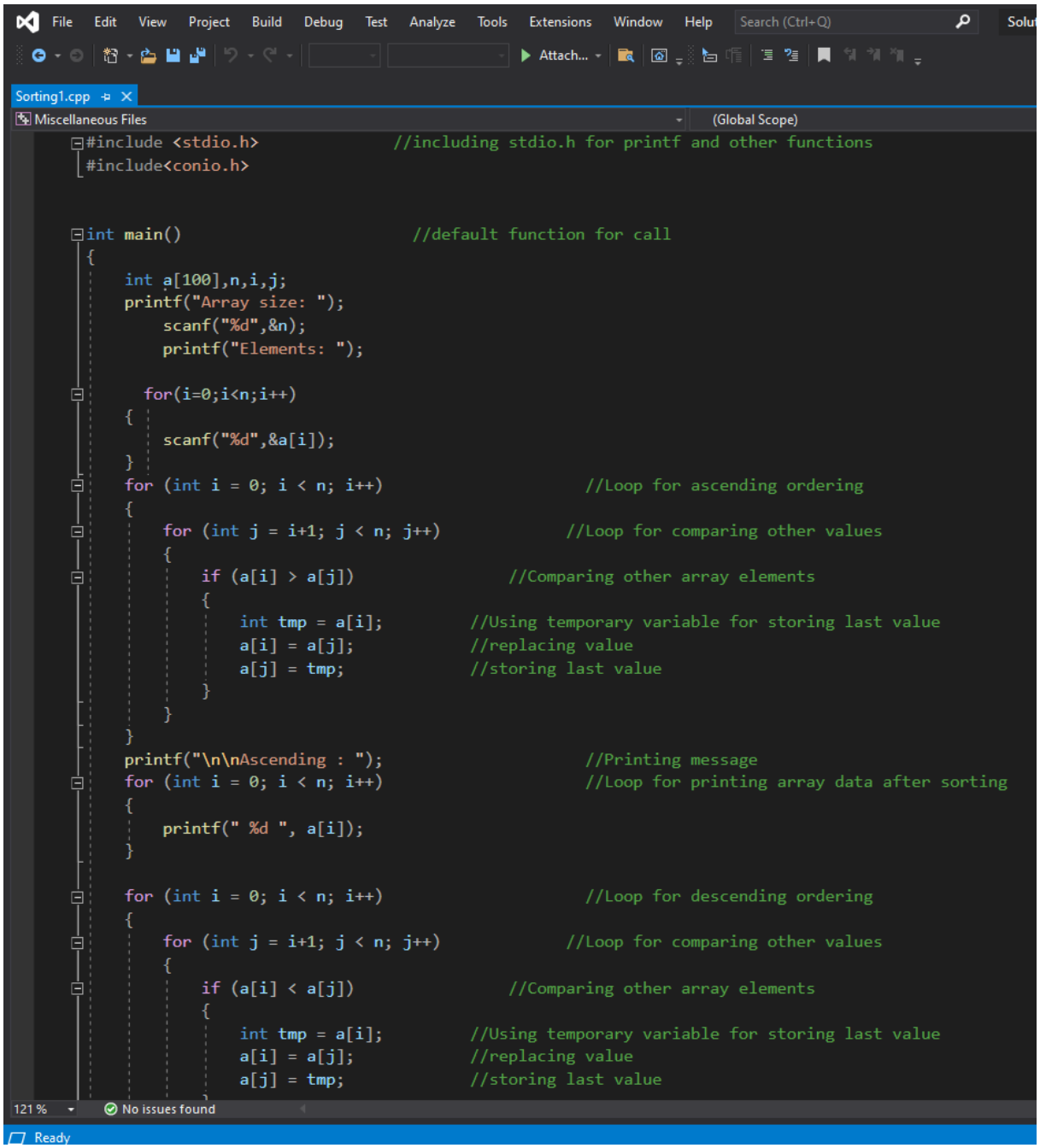
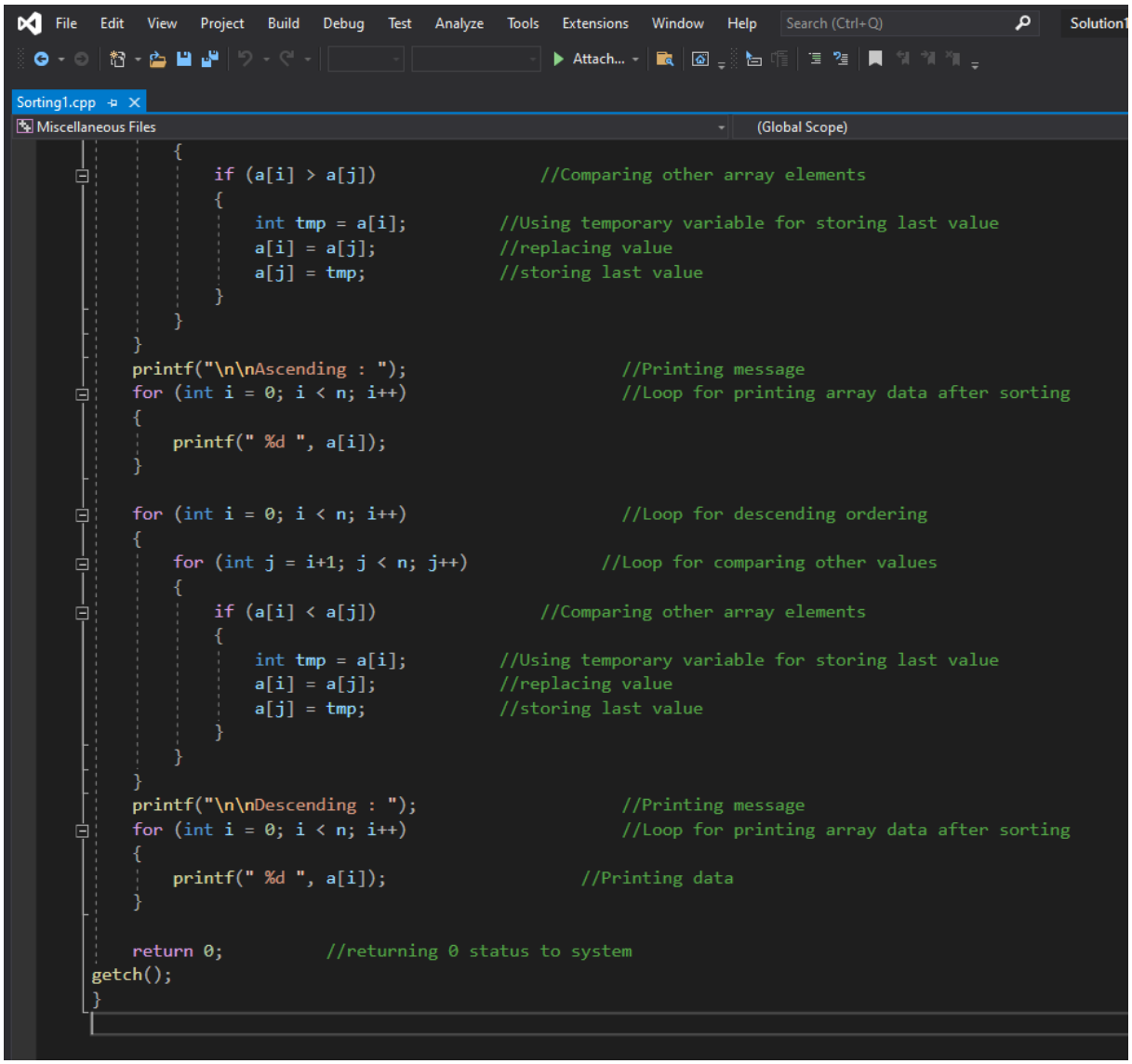
Basic Search

```c
#include<stdio.h>

int main(){

    int searchnum;
    int array[10] = {11,10,12,14,16,20,24,28,30,40};
    int sayi = 0;

    printf("Enter the num:");
    scanf("%d",&sayi);
    int i;
    for(i=0;i<10;i++){
        printf("%d ", array[i]);
    }
    for(i=0;i<10;i++){
        if(sayi == array[i]){
            sayi=1;
            break;
        }
    }

    if(sayi==1){
            printf("Found the num. index %d ",i);
        }
    else
            printf("did not find");
    return 0;
}
```

Basic Sort


File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search (Ctrl+Q)
Attach...
Sorting1.cpp
Miscellaneous Files
(Global Scope)
#include <stdio.h> //including stdio.h for printf and other functions
#include<conio.h>
int main() //default function for call
{
int a[100],n,i,j;
printf("Array size: ");
scanf("%d",&n);
printf("Elements: ");
for(i=0;i<n;i++)
{
scanf("%d",&a[i]);
}
for (int i = 0; i < n; i++) //Loop for ascending ordering
{
for (int j = i+1; j < n; j++) //Loop for comparing other values
{
if (a[i] > a[j]) //Comparing other array elements
{
int tmp = a[i]; //Using temporary variable for storing last value
a[i] = a[j]; //replacing value
a[j] = tmp; //storing last value
}
}
}
printf("\n\nAscending : "); //Printing message
for (int i = 0; i < n; i++) //Loop for printing array data after sorting
{
printf(" %d ", a[i]);
}
for (int i = 0; i < n; i++) //Loop for descending ordering
{
for (int j = i+1; j < n; j++) //Loop for comparing other values
{
if (a[i] < a[j]) //Comparing other array elements
{
int tmp = a[i]; //Using temporary variable for storing last value
a[i] = a[j]; //replacing value
a[j] = tmp; //storing last value
121 %
No issues found
Ready


File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search (Ctrl+Q)
Solution1
Attach...
Sorting1.cpp
Miscellaneous Files
(Global Scope)
{
if (a[i] > a[j]) //Comparing other array elements
{
int tmp = a[i]; //Using temporary variable for storing last value
a[i] = a[j]; //replacing value
a[j] = tmp; //storing last value
}
}
}
printf("\n\nAscending : "); //Printing message
for (int i = 0; i < n; i++) //Loop for printing array data after sorting
{
printf(" %d ", a[i]);
}
for (int i = 0; i < n; i++) //Loop for descending ordering
{
for (int j = i+1; j < n; j++) //Loop for comparing other values
{
if (a[i] < a[j]) //Comparing other array elements
{
int tmp = a[i]; //Using temporary variable for storing last value
a[i] = a[j]; //replacing value
a[j] = tmp; //storing last value
}
}
}
printf("\n\nDescending : "); //Printing message
for (int i = 0; i < n; i++) //Loop for printing array data after sorting
{
printf(" %d ", a[i]); //Printing data
}
return 0; //returning 0 status to system
getch();
}