

Ex.No:

Date:

ASCENDING AND DESCENDING ORDER

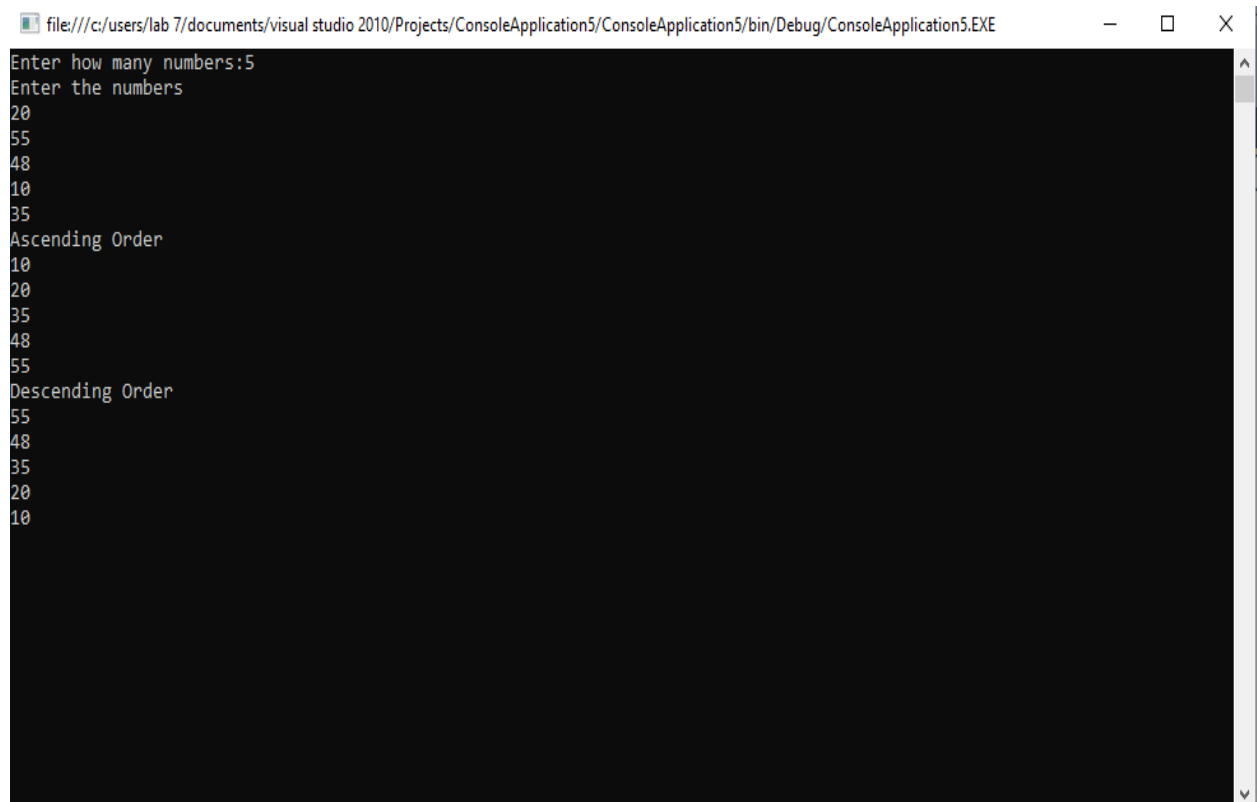
Module Module1

```
Sub Main()  
Dim n As Integer  
Dim arrayelement As Integer = 0  
Console.WriteLine("Enter how many numbers:")  
n = Console.ReadLine()  
Dim arraygroup(n - 1) As Integer  
Console.WriteLine("Enter the numbers")  
For i As Integer = 0 To arraygroup.Length - 1  
    arraygroup(i) = Console.ReadLine  
Next  
System.Array.Sort(arraygroup)  
Console.WriteLine("Ascending Order")  
For Each arrayelement In arraygroup  
    Console.WriteLine("{0}", arrayelement)  
Next  
System.Array.Reverse(arraygroup)  
Console.WriteLine("Descending Order")  
For Each arrayelement In arraygroup  
    Console.WriteLine("{0}", arrayelement)  
Next  
Console.ReadKey()  
End Sub  
  
End Module
```

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OUTPUT:



The screenshot shows a console window titled "file:///c:/users/lab 7/documents/visual studio 2010/Projects/ConsoleApplication5/ConsoleApplication5/bin/Debug/ConsoleApplication5.EXE". The program prompts the user to enter the number of elements to sort, which is 5. Then, it prompts for the numbers: 20, 55, 48, 10, and 35. The program then displays the numbers in ascending order (10, 20, 35, 48, 55) and finally in descending order (55, 48, 35, 20, 10).

```
file:///c:/users/lab 7/documents/visual studio 2010/Projects/ConsoleApplication5/ConsoleApplication5/bin/Debug/ConsoleApplication5.EXE
Enter how many numbers:5
Enter the numbers
20
55
48
10
35
Ascending Order
10
20
35
48
55
Descending Order
55
48
35
20
10
```