



1stAnswer27_07_20.java



Saved

```
1 //1st answer
2
3 import java.util.*;
4
5 // Compiler version JDK 11.0.2
6
7 public class AscendingOrder
8 {
9     public static void main(String[] args)
10    {
11        int temp;
12        Scanner sc = new Scanner(System.in);
13        System.out.println("Author :P.Hemanth\nsap.i
14        System.out.print("Enter the size of the arra
15        int size = sc.nextInt();
16        int arr[] = new int[size];
17        System.out.println("Enter all the elements:
18        for (int i = 0; i <size; i++)
19        {
20            arr[i] = sc.nextInt();
21        }
22        for (int i = 0; i < size; i++)
23        {
24            for (int j = i + 1; j < size; j++)
25            {
26                if (arr[i] > arr[j])
27                {
28                    temp = arr[i];
29                    arr[i] = arr[j];
30                    arr[j] = temp;
31                }
32            }
33        }
34        System.out.print("Ascending Order:");
35        for (int i = 0; i < size - 1; i++)
36        {
37            System.out.print(arr[i] + ",");
38        }
39        System.out.print(arr[size - 1]);
40    }
41 }
```



× Terminal



```
Author :P.Hemanth  
sap.id:51834553  
Enter the size of the array:4  
Enter all the elements:  
3  
7  
29  
74  
Ascending Order:3,7,29,74  
Process finished.
```



2ndAnswer27_07_20.java



Saved

```
1 //2nd answer
2
3 import java.util.*;
4
5 // Compiler version JDK 11.0.2
6
7 class Merge{
8
9     // Function to merge array in sorted order
10
11     public static void sortedMerge(int a[], int b[],
12                                     int res[], int n,
13                                     int m)
14
15
16
17     {
18
19         // Concatenate two arrays
20
21         int i = 0, j = 0, k = 0;
22
23         while (i < n) {
24
25             res[k] = a[i];
26
27             i++;
28
29             k++;
30
31         }
32
33         while (j < m) {
34
35             res[k] = b[j];
36
37             j++;
38
39             k++;
40
41         }
42
43         // sorting the res array
44
45         Arrays.sort(res);
46
47     }
48
49     public static void main(String[] args)
```





2ndAnswer27_07_20.java



Saved

```
44
45     Arrays.sort(res);
46
47 }
48
49 public static void main(String[] args)
50 {
51     Scanner sc=new Scanner(System.in);
52     System.out.println("author:P.Hemanth\nsap.
53     System.out.println("-----"
54     System.out.println("enter the size of the
55         int size=sc.nextInt();
56         int size1=sc.nextInt();
57         int a[]=new int[size];
58         int b[]=new int[size1];
59     System.out.println("enter "+size+" element
60         for(int n=0;n<size;n++){
61             a[n]=sc.nextInt();
62         }
63     System.out.println("enter "+size1+" elements
64         for(int m=0;m<size1;m++){
65             b[m]=sc.nextInt();
66         }
67
68     int n = a.length;
69
70     int m = b.length;
71
72     // Final merge list
73
74     int res[]=new int[n + m];
75
76     sortedMerge(a, b, res, n, m);
77
78     System.out.print("sorted and merged array 1
79     for (int i = 0; i < n + m; i++)
80         System.out.print(" " + res[i]);
81
82 }
83
84
85
86
87
88
89
90
91
92 }
```



× Terminal



author:P.Hemanth

sap.id:51834553

enter the size of the 2 array's:

3

4

enter 3 elements for 1st array:

7

38

8

enter 4 elements for 2nd array:

3

01

00

20

sorted and merged array list : 0 1 3 7 8 20 38

Process finished.



5thAnswer27_07_20.java



Saved

```
1 //5th answer
2
3 import java.util.*;
4
5 // Compiler version JDK 11.0.2
6
7 public class CountString {
8
9     public static void main(String[] args)
10     {
11         Scanner in = new Scanner(System.in);
12         System.out.println("author:P.Hemanth\nsap");
13         System.out.println("-----");
14         System.out.print("enter the string: ");
15         String str = in.nextLine();
16
17         System.out.print("No.of words in the string");
18     }
19
20     public static int countWords(String str)
21     {
22         int count = 0;
23         if (!(" ".equals(str.substring(0, 1))) || !
24         {
25             for (int i = 0; i < str.length(); i++)
26             {
27                 if (str.charAt(i) == ' ')
28                 {
29                     count++;
30                 }
31             }
32             count = count + 1;
33         }
34         return count; // returns 0 if string starts
35     }
36 }
```





author:P.Hemanth

sap.id:51834553

enter the string: hello my name is hemu!

No.of words in the string are: 6

Process finished.