



program.java

Saved



```
1  import java.util.Arrays;
2
3  public class Main
4  {
5      private static int[] mergeArray(int[] array1, int[] array2)
6      {
7          System.out.println("Host_name:E.Hanee");
8          int[] mergedArray = new int[array1.length + array2.length];
9
10         int a=0, b=0, c=0;
11
12         while (a < array1.length)
13         {
14             mergedArray[c] = array1[a];
15             a++;
16             c++;
17         }
18
19         while (b < array2.length)
20         {
21             mergedArray[c] = array2[b];
22             b++;
23             c++;
24         }
25
26         Arrays.sort(mergedArray);
27
28         return mergedArray;
29     }
30
31     public static void main(String[] args)
32     {
33         int[] array1 = new int[] {12, -7, 18, 9, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100};
34         int[] array2 = new int[] {27, 8, 71, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100};
35         int[] mergedArray = mergeArray(array1, array2);
36
37         System.out.println("Array 1 : "+Arrays.toString(array1));
38
39         System.out.println("Array 2 : "+Arrays.toString(array2));
40
41         System.out.println("Merged Array : "+Arrays.toString(mergedArray));
42
43     }
```

File info ⓘ



Host_name:E.Haneesha

SAP ID:51834630

Array 1 : [12, -7, 18, 9, 37, -1, 21]

Array 2 : [27, 8, 71, -9, 18]

Merged Array : [-9, -7, -1, 8, 9, 12, 18, 1

Process finished.

```

1  import java.util.Scanner;
2  public class Ascending_Order
3  {
4      public static void main(String[] args)
5      {
6          int n, temp;
7          Scanner s = new Scanner(System.in);
8          System.out.println("Host name :E.Hanees");
9          System.out.print("Enter no. of elements:");
10         n = s.nextInt();
11         int a[] = new int[n];
12         System.out.println("Enter all the elements");
13         for (int i = 0; i < n; i++)
14         {
15             a[i] = s.nextInt();
16         }
17         for (int i = 0; i < n; i++)
18         {
19             for (int j = i + 1; j < n; j++)
20             {
21                 if (a[i] > a[j])
22                 {
23                     temp = a[i];
24                     a[i] = a[j];
25                     a[j] = temp;
26                 }
27             }
28         }
29         System.out.print("Ascending Order:");
30         for (int i = 0; i < n - 1; i++)
31         {
32             System.out.print(a[i] + ",");
33         }
34         System.out.print(a[n - 1]);
35     }
36 }

```

```
Host name :E.Haneesha  
Sap id : 51834630  
Enter no. of elements:3  
Enter all the elements:  
84  
7  
57  
Ascending Order:7,57,84  
Process finished.
```

```

1  import java.util.Scanner;
2  public class Exercise5 {
3
4      public static void main(String[] args)
5      {
6          Scanner in = new Scanner(System.in);
7          System.out.println("Host_name:E.hanees");
8          System.out.print("Input the string: ");
9          String str = in.nextLine();
10
11          System.out.print("Number of words in t
12      }
13
14      public static int count_Words(String str)
15      {
16          int count = 0;
17          if (!(" ".equals(str.substring(0, 1)))
18          {
19              for (int i = 0; i < str.length();
20              {
21                  if (str.charAt(i) == ' ')
22                  {
23                      count++;
24                  }
25              }
26              count = count + 1;
27          }
28          return count; // returns 0 if string s
29      }
30  }

```

Host_name:E.haneesha

Sap_id:51834630

Input the string: my name is haneesha

Number of words in the string: 4

Process finished.