

```

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.print("Input the string: ");
8          String str = in.nextLine();
9
10         System.out.print("Number of words in the
11     }
12
13     public static int count_Words(String str)
14     {
15         int count = 0;
16         if (!(" ".equals(str.substring(0, 1))) |
17         {
18             for (int i = 0; i < str.length(); i+
19             {
20                 if (str.charAt(i) == ' ')
21                 {
22                     count++;
23                 }
24             }
25             count = count + 1;
26         }
27         return count; // returns 0 if string sta
28     }
29 }

```

✕ Terminal



```

Input the string: Sai teja
Number of words in the string: 2

Process finished.

```

```

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("Author:M.Sai Teja\nSAP ID:51834746");
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 = {12, -7, 18, 9, 37, -1, 21};
34         int[] array2 = {27, 8, 71, -9, 18};

```

✕ Terminal



Author:M.Sai Teja

SAP ID:51834746

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, 21, 27, 37, 71]

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("Author :M.Sai teja");
9          n = s.nextInt();
10         int a[] = new int[n];
11         System.out.println("Enter all the elements");
12         for (int i = 0; i < n; i++)
13         {
14             a[i] = s.nextInt();
15         }
16         for (int i = 0; i < n; i++)
17         {
18             for (int j = i + 1; j < n; j++)
19             {
20                 if (a[i] > a[j])
21                 {
22                     temp = a[i];
23                     a[i] = a[j];
24                     a[j] = temp;
25                 }
26             }
27         }
28         System.out.print("Ascending Order:");
29         for (int i = 0; i < n - 1; i++)
30         {
31             System.out.print(a[i] + ",");
32         }
33         System.out.print(a[n - 1]);
34     }

```

✕ Terminal



```

Author :M.Sai teja
Enter no. of elements you want in array:2
Enter all the elements:
12
34
Ascending Order:12,34
Process finished.

```