

1.

```
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 :RJaganmohan");
9          System.out.print("Enter no. of elements you want in array:");
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;
```

× Terminal



```
Author :RJaganmohan
Enter no. of elements you want in array:6
Enter all the elements:
23
34
45
56
78
89
Ascending Order:23,34,45,56,78,89
Process finished.
```

2.

```
1  java.util.Arrays;
2
3  class Main
4
5  static int[] mergeArray(int[] array1, int[] array2)
6
7  system.out.println("Author:P Jaganmohan\nSAP ID:51834796");
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
```

× Terminal

Author:P Jaganmohan
SAP ID:51834796
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, 18, 21, 27, 37]

Process finished.

5.

```
1  java.util.Scanner;
2
3  class Main
4
5
6  public static void main(String args[])
7
8  {
9      System.out.println("Author:P Jaganmohan\nSAP ID:51834796");
10     System.out.println("Enter the string");
11
12     Scanner sc = new Scanner(System.in);
13
14     String a = sc.nextLine();
15
16     int count = 1;
17
18     for (int x = 0; x < a.length() - 1; x++)
19     {
20         if ((a.charAt(x) == ' ') && (a.charAt(x + 1) != ' '))
21         {
22             count++;
23         }
24     }
25 }
26
27
28 System.out.println("Number of words in a string = " + count);
```

× Terminal



```
Author:P Jaganmohan
SAP ID:51834796
Enter the string
jagan Mohan 123 abs
Number of words in a string = 4

Process finished.
```