```java
import java.util.Scanner;
public class Ascending_Order
{
    public static void main(String[] args)
    {
        int n, temp;
        Scanner s = new Scanner(System.in);
        System.out.println("Author :G s s pavan\n
        System.out.print("Enter no. of elements y
        n = s.nextInt();
        int a[] = new int[n];
        System.out.println("Enter all the elemen
        for (int i = 0; i < n; i++)
        {
            a[i] = s.nextInt();
        }
        for (int i = 0; i < n; i++)
        {
            for (int j = i + 1; j < n; j++)
            {
                if (a[i] > a[j])
                {
                    temp = a[i];
                    a[i] = a[j];
                    a[j] = temp;
                }
            }
        }
        System.out.print("Ascending Order:");

        for (int i = 0; i < n - 1; i++)
        {
            System.out.print(a[i] + ",");
        }
        System.out.print(a[n - 1]);
    }
}
```

```
Author :G s s pavan
sap I'd :- 51834699
Enter no. of elements you want in array:8
Enter all the elements:
1 3 4 64 32 15 66 87
Ascending Order:1,3,4,15,32,64,66,87
Process finished.
```

```java
1   import java.util.Arrays;
2
3   public class Main
4   {
5       private static int[] mergeArray(int[] array1
6       {
7           System.out.println("Author:G s s pavan \
8           int[] mergedArray = new int[array1.lengt
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,
34
35          int[] array2 = new int[] {27, 8, 71, -9,
36
37          int[] mergedArray = mergeArray(array1, a
38
39          System.out.println("Array 1 : "+Arrays.t
40
41          System.out.println("Array 2 : "+Arrays.t
42
43          System.out.println("Merged Array : "+Arr
44      }
45 }
```

```java
1
2
3
4
5  rgeArray(int[] array1, int[] array2)
6
7  "Author:G s s pavan \nSAP ID:51834699");
8   new int[array1.length + array2.length];
9
10
11
12 ength)
13
14 = array1[a];
15
16
17
18
19 ength)
20
21 = array2[b];
22
23
24
25
26 rray);
27
28
29
30
31 (String[] args)
32
33 int[] {12, -7, 18, 9, 37, -1, 21};
34
35 int[] {27, 8, 71, -9, 18};
36
37  mergeArray(array1, array2);
38
39 "Array 1 : "+Arrays.toString(array1));
40
41 "Array 2 : "+Arrays.toString(array2));
42
43 "Merged Array : "+Arrays.toString(mergedArray));
44
45
```

```
Author:G s s pavan
SAP ID:51834699
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.
```

```
18, 9, 37, -1, 21]
71, -9, 18]
, -7, -1, 8, 9, 12, 18, 18, 21, 27, 37, 71]
```

```java
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("Author:G s s pavan \
8          System.out.print("Input the string: ");
9          String str = in.nextLine();
10
11         System.out.print("Number of words in the
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(); i+
20            {
21                if (str.charAt(i) == ' ')
22                {
23                    count++;
24                }
25            }
26            count = count + 1;
27        }
28        return count; // returns 0 if string sta
29     }
30  }
```

```
1
2
3
4
5
6
7   SAP ID:51834699");
8
9
10
11  string: " + count_Words(str)+"\n");
12
13
14
15
16
17   !(" ".equals(str.substring(str.length() - 1))))
18
19  )
20
21
22
23
24
25
26
27
28  ts or ends with space " ".
29
30
```

pavan
599
ring: Hello   how are u doing.Hopeall welll

rds in the string: 8

shed.