```java
import java.util.Scanner;
public class AscendingOrder
{
    public static void main(String[] args)
    {
        int n, temp;
        Scanner s = new Scanner(System.in);
       System.out.println("Author :v. pavankumar");  System.out.print("Enter no. of elements you want
        n = s.nextInt();
        int a[] = new int[n];
        System.out.println("Enter all the elements:");
        for (int i = 0; i < n; i++)
        {
            a[i] = s.nextInt();
        }
        for (int i = 0; i < n; i++)

        r (int j = i + 1; j < n; j++)
```

File info ⓘ

```
        {
            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]);
```

File info

× Terminal

```
Enter no. of elements you want in array:1
Enter all the elements:
a
Exception in thread "main" java.util.InputMismatchException
 at java.base/java.util.Scanner.throwFor(Scanner.java:939)
 at java.base/java.util.Scanner.next(Scanner.java:1594)
 at java.base/java.util.Scanner.nextInt(Scanner.java:2258)
 at java.base/java.util.Scanner.nextInt(Scanner.java:2212)
 at AscendingOrder.main(source.java:14)
Process finished with exit code 1.
```

```java
import java.util.Arrays;

public class Main
{
    private static int[] mergeArray(int[] array1, int[] array2)
    {
        System.out.println("Author:v.pavankumar\nSAP ID:51834509");
        int[] mergedArray = new int[array1.length + array2.length];

        int a=0, b=0, c=0;

        while (a < array1.length)
        {
            mergedArray[c] = array1[a];
            a++;
            c++;
```

File info

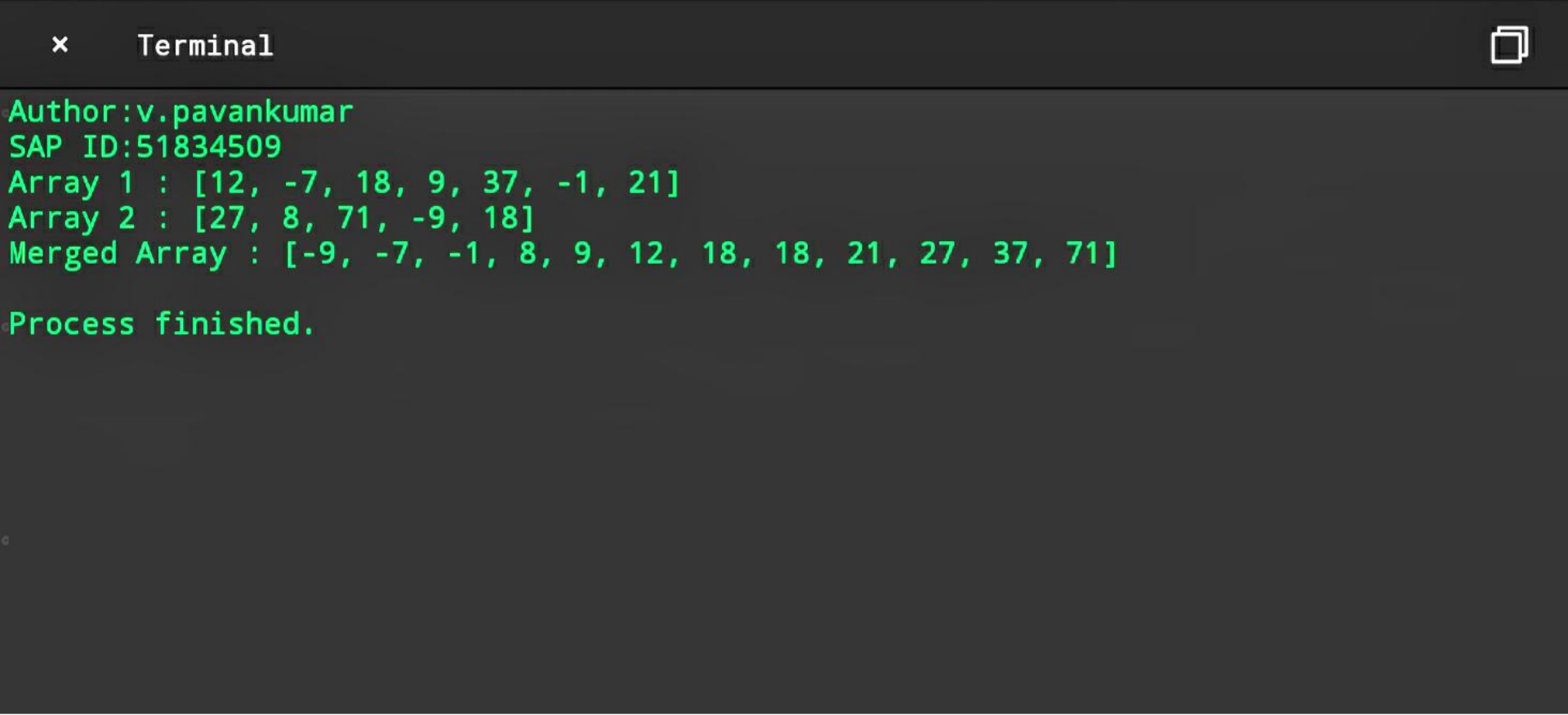
```
(b < array2.length)
```

```
        }

        while (b < array2.length)
        {
            mergedArray[c] = array2[b];
            b++;
            c++;
        }

        Arrays.sort(mergedArray);

        return mergedArray;
    }

    public static void main(String[] args)
    {
        int[] array1 = new int[] {12, -7, 18, 9, 37, -1, 21};

        array2 = new int[] {27, 8, 71, -9, 18};
```

File info

```
31      public static void main(String[] args)
32      {
33          int[] array1 = new int[] {12, -7, 18, 9, 37, -1, 21};
34
35          int[] array2 = new int[] {27, 8, 71, -9, 18};
36
37          int[] mergedArray = mergeArray(array1, array2);
38
39          System.out.println("Array 1 : "+Arrays.toString(array1));
40
41          System.out.println("Array 2 : "+Arrays.toString(array2));
42
43          System.out.println("Merged Array : "+Arrays.toString(mergedArray));
44      }
45  }
```

File info ⓘ


Terminal
Author:v.pavankumar
SAP ID:51834509
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, 71]
Process finished.

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```java
import java.util.Scanner;
public class Exercise5 {

  public static void main(String[] args)
    {
        Scanner in = new Scanner(System.in);
        System.out.print("Input the string: ");
        String str = in.nextLine();

        System.out.print("Number of words in the string: " + count_Words(str)+"\n");
    }

 public static int count_Words(String str)
    {
       int count = 0;
        if (!(" ".equals(str.substring(0, 1))) || !(" ".equals(str.substring(str.length() - 1))))
        {
 File info for (int i = 0; i < str.length(); i++)
            {
```

```
        if (!(    .equals(str.substring(0, 1))) || !(    .equals(str.substring(str.length()    1))))
        {
            for (int i = 0; i < str.length(); i++)
            {
                if (str.charAt(i) == ' ')
                {
                    count++;
                }
            }
            count = count + 1;
        }
        return count; // returns 0 if string starts or ends with space " ".
    }
}
```

Terminal

```
Input the string: 2
Number of words in the string: 1

Process finished.
```