M.Likhitha.

SAP I'd : 51834624.

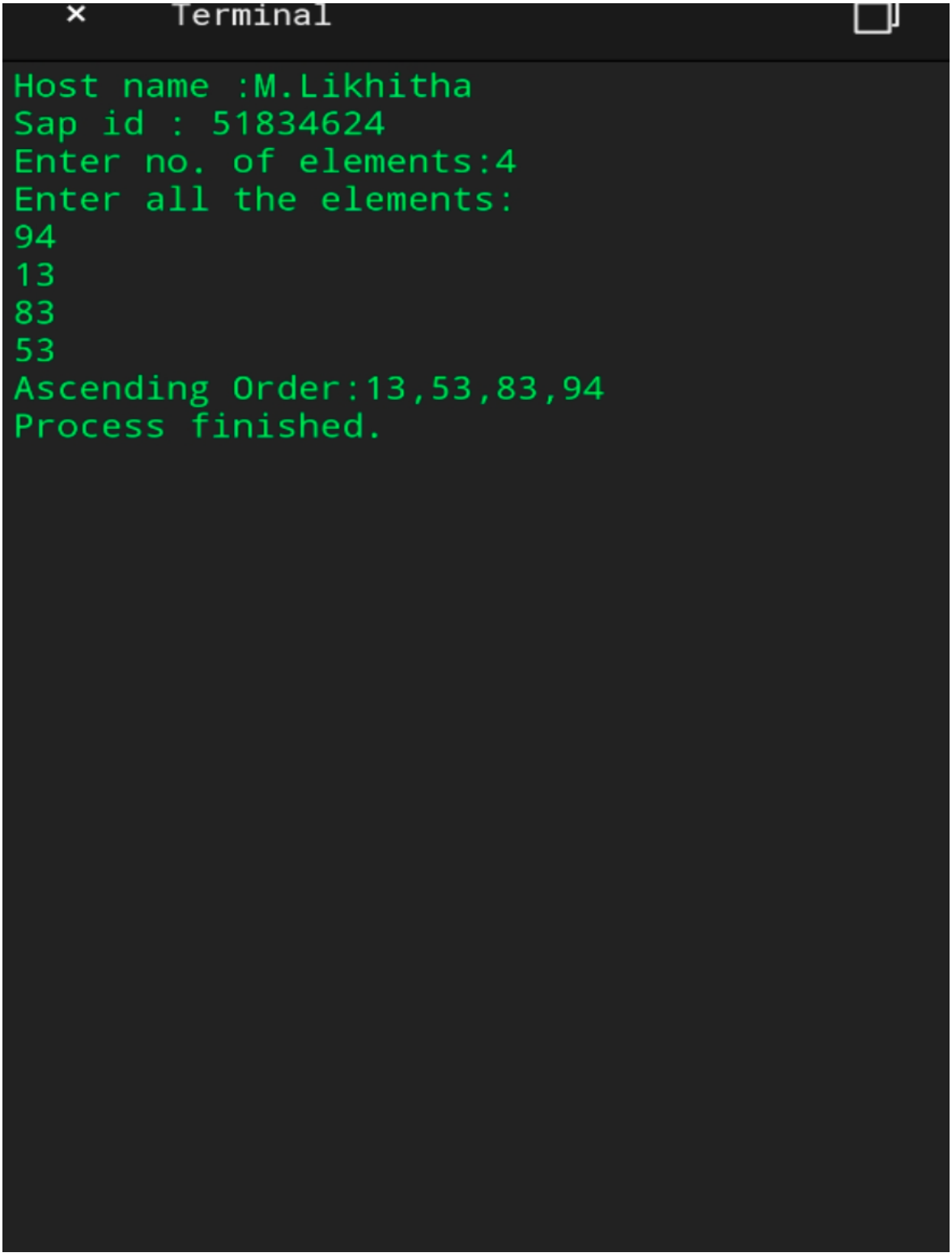
1st Question :

AscendingOrder.java

Saved

```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("Host name :M.Likhit
        System.out.print("Enter no. of elements
        n = s.nextInt();
        int a[] = new int[n];
        System.out.println("Enter all the elem
        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]);
    }
}
```

Output Screen :



2nd Question :

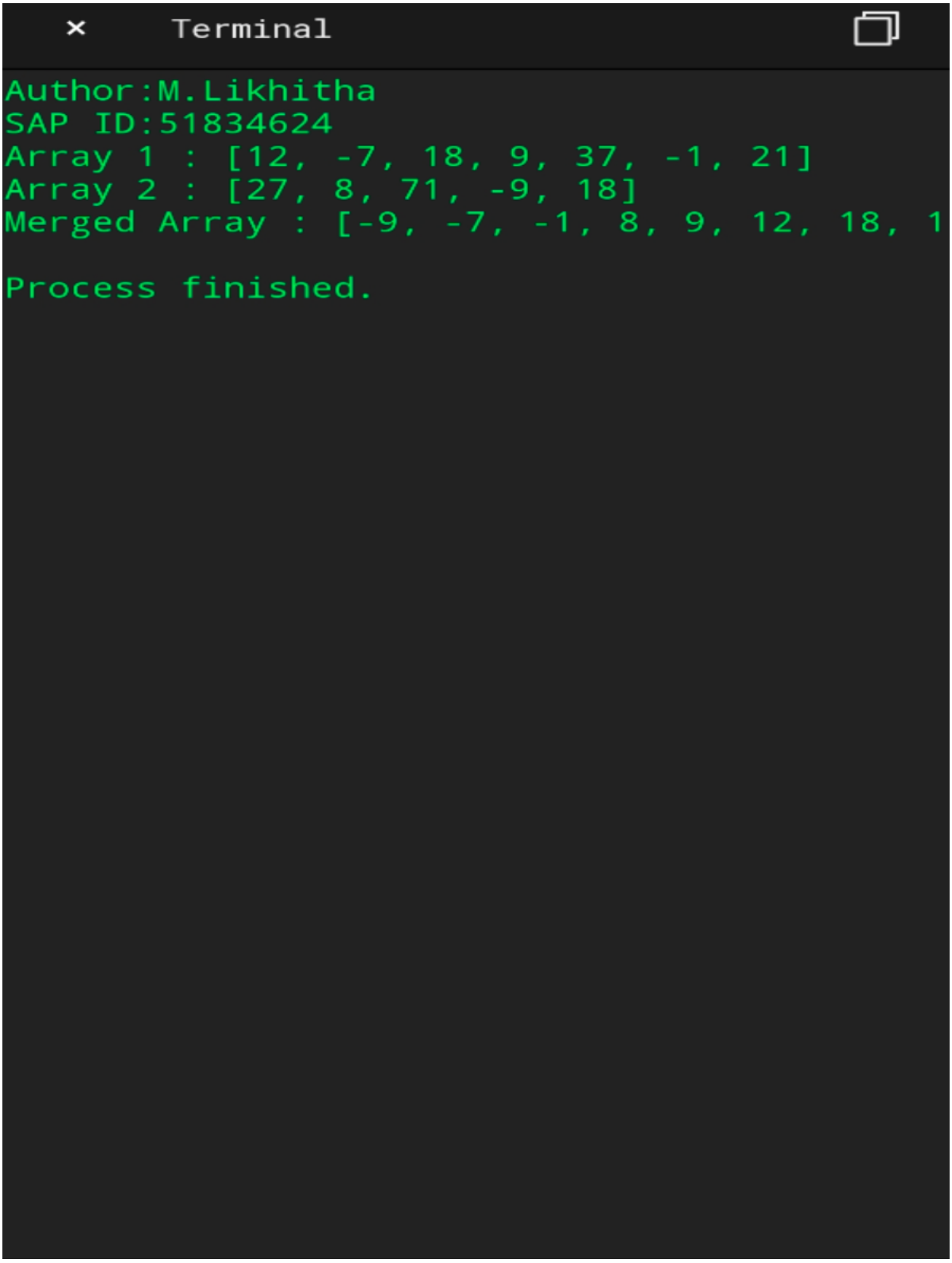
SingleSort.java

Saved

```java
import java.util.Arrays;

public class Main
{
    private static int[] mergeArray(int[] arra
    {
        System.out.println("Author:M.Likhitha\
        int[] mergedArray = new int[array1.ler

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

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

        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,

        int[] array2 = new int[] {27, 8, 71, -

        int[] mergedArray = mergeArray(array1,

        System.out.println("Array 1 : "+Arrays

        System.out.println("Array 2 : "+Arrays

        System.out.println("Merged Array : "+A
```

File info

Out put Screen :



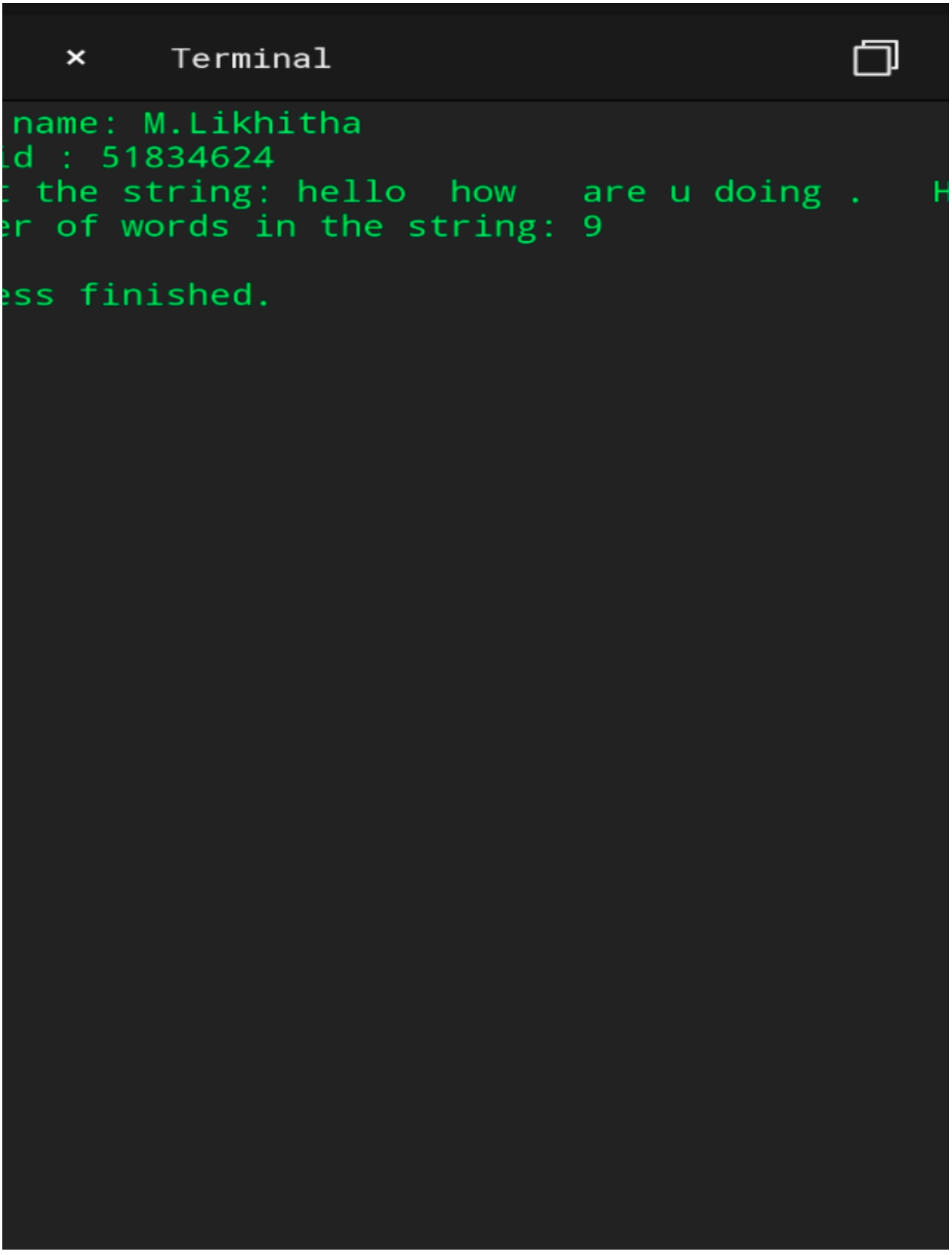
5th Question :

Count.java

Saved

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

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

        System.out.print("Number of words in t
    }

 public static int count_Words(String str)
    {

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

Output Screen:



Mcq test marks : 15 / 20

Grade : 7.5 / 10