Count.java

Saved

```java
import java.util.*;
public class Count{
     static final int OUT = 0;
    static final int IN = 1;
    // returns number of words in str
    static int countWords(String str)
    {
        int state = OUT;
        int wc = 0;  // word count
        int i = 0;
        // Scan all characters one by one
        while (i < str.length())
        {
            // If next character is a separator, se
            // state as OUT
            if (str.charAt(i) == ' ' || str.charAt(
                    || str.charAt(i) == '\t')
                state = OUT;
            // If next character is not a word sepa
            // and state is OUT, then set the state
            // and increment word count
            else if (state == OUT)
            {
                state = IN;
                ++wc;
            }
            // Move to next character
            ++i;
        }
        return wc;
    }
    // Driver program to test above functions
    public static void main(String args[])
    {
      Scanner sc=new Scanner (System.in);
      System.out.println("Enter the String:");
        String str =sc.nextLine();
        System.out.println("\nEntered string:"+str)
        System.out.println("\nNo of words : " + cou
   System.out.println("chandra sekhar\n51834690");
    }
```

Terminal

```
Enter the String:
hello sir

Entered string:hello sir

No of words : 2
chandra sekhar
51834690
```

accessing.java

Saved

```
1   java.util.Scanner;
2   class Order
3
4  olic static void main(String[] args)
5
6    int n, temp;
7    Scanner s = new Scanner(System.in);
8   System.out.print("Enter no. of elements you want i
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
30   for (int i = 0; i < n - 1; i++)
31   {
32       System.out.print(a[i] + ",");
33   }
34   System.out.print(a[n - 1]);
35   System.out.println("\nchandra sekhar\n51834690");
36
37
```

Terminal

```
Enter no. of elements you want in array:5
Enter all the elements:
5
4
0
-8
-1
Ascending Order:-8,-1,0,4,5
chandra sekhar
51834690
```

accessing.java
Saved

```
ort java.util.Arrays;

lic class Array

 private static int[] mergeArray(int[] array1, int[
 {
     int[] mergedArray = new int[array1.length + ar

     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[] {-99,0,99,88,-4,-777,

     int[] array2 = new int[] {27, 8, -88, 55,18};

     int[] mergedArray = mergeArray(array1, array2)

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

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

     System.out.println("Merged Array : "+Arrays.to
    System.out.println("chandra sekhar\n51834690");
```

Terminal

```
Array 1 : [-99, 0, 99, 88, -4, -777, 9, 4]
Array 2 : [27, 8, -88, 55, 18]
Merged Array : [-777, -99, -88, -4, 0, 4, 8, 9,
chandra sekhar
51834690

Process finished
```