



practice1.java

Saved



```
1 import java.util.Scanner;
2 import java.util.Arrays;
3 public class MergingArrays {
4     public static int[] merge(int[] arr1, int[] arr2) {
5         int[] arr3 = new int[arr1.length + arr2.length];
6         int a=0, b=0, c=0;
7         while (a < arr1.length) {
8             arr3[c] = arr1[a];
9             a++;
10            c++;
11        }
12        while (b < arr2.length) {
13            arr3[c] = arr2[b];
14            b++;
15            c++;
16        }
17        Arrays.sort(arr3);
18        return arr3;
19    }
20    public static void main(String[] args) {
21        Scanner sc = new Scanner(System.in);
22        System.out.println("Enter the size of array 1:");
23        int n1 = sc.nextInt();
24        int[] arr1 = new int[n1];
25        System.out.println("Enter the elements of array 1:");
26        for (int i = 0; i < n1; i++) {
27            arr1[i] = sc.nextInt();
28        }
29        System.out.println("Enter the size of array 2:");
30        int n2 = sc.nextInt();
31        int[] arr2 = new int[n2];
32        System.out.println("Enter the elements of array 2:");
33        for (int i = 0; i < n2; i++) {
34            arr2[i] = sc.nextInt();
35        }
36        int[] arr3 = merge(arr1, arr2);
37        System.out.println("Merged array:");
38        for (int i = 0; i < arr3.length; i++) {
39            System.out.print(arr3[i] + " ");
40            if (i % 10 == 9) {
41                System.out.println();
42            }
43        }
44    }
45 }
```



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```
12         while (b < arr2.length) {
13             arr3[c] = arr2[b];
14             b++;
15             c++;
16         }
17         Arrays.sort(arr3);
18         return arr3;
19     }
20     public static void main(String[] args) {
21         System.out.println("A.Praveen\n51834643\n2nd");
22         Scanner sc = new Scanner(System.in);
23         System.out.println("Enter the size of 1st");
24         int size1 = sc.nextInt();
25         int[] arr1 = new int[size1];
26         System.out.println("Enter all elements: ");
27         for(int i=0;i<arr1.length;i++) {
28             arr1[i]=sc.nextInt();
29         }
30         System.out.println("Enter the size of 2nd");
31         int size2 = sc.nextInt();
32         int[] arr2 = new int[size2];
33         System.out.println("Enter all elements: ");
34         for(int i=0;i<arr1.length;i++) {
35             arr2[i]=sc.nextInt();
36         }
37         int[] mergedArray = merge(arr1, arr2);
38
39         System.out.println("Array 1 : "+Arrays.toString(arr1));
40
41         System.out.println("Array 2 : "+Arrays.toString(arr2));
42
43         System.out.println("Merged Array : "+Arrays.toString(mergedArray));
44     }
45 }
```



Make public



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2nd Question

Enter the size of 1st array:

2

Enter all elements:

1

4

Enter the size of 2nd array:

2

Enter all elements:

3

5

Array 1 : [1, 4]

Array 2 : [3, 5]

Merged Array : [1, 3, 4, 5]

Process finished.



```
1 import java.util.Scanner;
2 abstract class Student {
3     abstract public void performance();
4     abstract public void isActive();
5     abstract public void grade();
6 }
7 class Kim extends Student {
8     public void performance() {
9         System.out.println("You have to improve your p
10     }
11     public void isActive() {
12         System.out.println("You are active");
13     }
14     public void grade() {
15         System.out.println("Grade - A");
16     }
17     public static void main(String args[]) {
18         System.out.println("A.Praveen\n51834643\n3rd Q
19         Kim obj = new Kim();
20         obj.performance();
21         obj.isActive();
22         obj.grade();
23     }
24 }
```



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3rd Question

You have to improve your performance

You are active

Grade - A

Process finished.



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```
1  import java.util.Scanner;
2  class Count
3  {
4      public static void main (String args[])
5      {
6          Scanner sc=new Scanner(System.in);
7          System.out.println("A.Praveen\n51834643\n5th Q
8          System.out.println("Enter a string");
9          String s=sc.nextLine();
10         String [] a=s.split("\\s+");
11         System.out.println(a.length);
12     }
13 }
```

Try Dcoder's keyboard



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5th Question

Enter a string

hello how r u

4

Process finished.

|