



Main.java

```
57
58
59 // print string array
60
61 System.out.print("String Array: [ ");
62
63 for (String c : str_arr) {
64
65     System.out.print("'" + c + "' ");
66
67     si++;
68
69 }
70
71 System.out.println("]\n");
72
73
74 // print the size/length of all arrays
75
76 System.out.println("Size of char array = " + ci);
77
78 System.out.println("Size of integer array = " + ii);
79
80 System.out.println("Size of string array = " + si);
81
82 }
83 }
```

Run

Output

Clear

```
java -cp /tmp/WHIGp2ukby Main
Char Array: [ 'a' 'b' 'c' 'd' 'e' ]
Integer Array: [ 1 2 3 4 5 6 7 ]
String Array: [ 'GFG' 'GEEKS' 'GEEKSFORGEEKS' ]

Size of char array = 5
Size of integer array = 7
Size of string array = 3
```





Main.java



Run

Output

Clear

```
1 import java.util.ArrayList;
2
3 public class ArrayListExample {
4     public static void main(String[] args) {
5         ArrayList<String> myList = new ArrayList<String>();
6
7         if(myList.isEmpty()) {
8             System.out.println("ArrayList is empty.");
9         } else {
10            System.out.println("ArrayList is not empty.");
11        }
12    }
13 }
```

```
java -cp /tmp/WHiGp2ukby ArrayListExample
ArrayList is empty.
```


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Main.java

```
1 import java.util.Arrays;
2
3
4 class GFG {
5
6     public static int[] removeTheElement(int[] arr, int index)
7
8     {
9
10        if (arr == null || index < 0
11            || index >= arr.length) {
12
13
14
15            return arr;
16
17        }
18
19
20        // Create another array of size one less
21
22        int[] anotherArray = new int[arr.length - 1];
23
24
25        // Copy the elements except the index
26
27        // from original array to the other array
```

Run

Output

```
java -cp /tmp/WHiGp2ukby GFG
Original Array: [1, 2, 3, 4, 5]Index to be removed: 2
Resultant Array: [1, 2, 4, 5]
1
dash: 2: 1: not found
2
dash: 3: 2: not found
3
dash: 4: 3: not found
```



Main.java

Run

Output

Clear

```
1- import java.io.*;
2
3- import java.lang.*;
4
5- import java.util.*;
6
7
8
9- class GFG {
10
11
12
13     // Function to add x in arr
14
15     public static int[] addX(int n, int arr[], int x)
16
17     {
18
19         int i;
20
21
22
23         // create a new array of size n+1
24
25         int newArr[] = new int[n + 1];
```

```
java -cp /tmp/HScppgLdA1 GFG
Initial Array:
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]Array with 50 added:
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 50]
```