

JAVA EXAMPLES - FIND COMMON ELEMENTS FROM ARRAYS

http://www.tutorialspoint.com/javaexamples/arrays_retainall.htm

Copyright © tutorialspoint.com

Problem Description:

How to find common elements from arrays?

Solution:

Following example shows how to find common elements from two arrays and store them in an array.

```
import java.util.ArrayList;

public class Main {
    public static void main(String[] args) {
        ArrayList objArray = new ArrayList();
        ArrayList objArray2 = new ArrayList();
        objArray2.add(0, "common1");
        objArray2.add(1, "common2");
        objArray2.add(2, "notcommon");
        objArray2.add(3, "notcommon1");
        objArray.add(0, "common1");
        objArray.add(1, "common2");
        objArray.add(2, "notcommon2");
        System.out.println("Array elements of array1"+objArray);
        System.out.println("Array elements of array2"+objArray2);
        objArray.retainAll(objArray2);
        System.out.println("Array1 after retaining common
elements of array2 & array1"+objArray);
    }
}
```

Result:

The above code sample will produce the following result.

```
Array elements of array1[common1, common2, notcommon2]
Array elements of array2[common1, common2, notcommon,
notcommon1]
Array1 after retaining common elements of array2 & array1
[common1, common2]
```