Write a Java program to find the common elements in two array of Positive integer

CODE:

import java.util.Scanner;

public class commonElementinArray

{

public static void main(String args[])

{

try {

Scanner input = new Scanner(System.in);

int a1, b1;

System.out.print("Enter the size of array 1: ");

a1 = input.nextInt();

int a[] = new int[a1];

System.out.println("Enter the elements into the array: ");

for (int i = 0; i< a1; i++) {

a[i] = input.nextInt();

}

System.out.print("Enter the size of array 2: ");

b1 = input.nextInt();

int b[] = new int[b1];

System.out.println("Enter the elements into the array: ");

for (int i = 0; i< b1; i++) {

b[i] = input.nextInt();

}

for (int i = 0; i< a1; i++) {

for (int j = 0; j < b1; j++) {

if (a[i] > 0 && b[j] > 0) {

if (a[i] == b[j])

System.out.print("common elements "+a[i] + " ");

}

else

throw new Exception();

}

}

}

catch(Exception e)

{

System.out.print("Enter a positive integer");

}

}

}

OUTPUT:

C:\javap>javac commonElementinArray.java

C:\javap>java commonElementinArray

Enter the size of array 1: 4

Enter the elements into the array:

1 2 3 4

Enter the size of array 2: 5

Enter the elements into the array:

2 5 6 7

8

common elements 2

