```java
package arrays;

public class common_in_3_arry2nd_pro {

    public static void main(String[] args) {
        int arr1[]={1,5,10,20,40,80};
        int arr2[]={6,7,20,80,100};
        int arr3[]={3,4,15,20,30,70,80,120};
        System.out.println("output: ");
        System.out.print("{");
        for(int i=0;i<arr1.length;i++) {
            for(int j=0;j<arr2.length;j++) {
                for(int k=0;k<arr3.length;k++) {
                    if(arr1[i]==arr2[j]&&arr2[j]==arr3[k]) {
                        System.out.print(arr1[i]+",");
                    }

                }
            }
        }System.out.println("}");

    }

}
```

Output:

output:

{20,80,}