using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp4

{

internal class PairPrinter

{

public static void printPairs(int[] arr1, int[] arr2)

{

Array.Sort(arr1);

Array.Sort(arr2);

var i = 0;

var j = 0;

while (i < arr1.Length && j < arr2.Length)

{

if (arr1[i] == arr2[j])

{

Console.WriteLine(arr1[i].ToString() + " " + arr2[j].ToString());

i++;

j++;

}

else if (arr1[i] < arr2[j])

{

i++;

}

else

{

j++;

}

}

}

public static void Main(string[] args)

{

int[] arr1 = { 1, 4, 2, 1, 3, 1 };

int[] arr2 = { 7, 1, 8, 4, 1, 2 };

Console.WriteLine("Same nos.Pairs:");

PairPrinter.printPairs(arr1, arr2);

}

}

}