using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication1

{

public class BD

{

public BD(int d, int m, int y)

{

this.d = d;

this.m = m;

this.y = y;

}

public virtual void BDW()

{

Console.WriteLine("Дата рождения:\n{0} {1} {2}", d, m, y);

}

public int D

{

get { return d; }

set

{

if (value > 0)

d = value;

else

d = 0;

}

}

public int M

{

get { return m; }

set

{

if (value > 0)

m = value;

else

m = 0;

}

}

public int Y

{

get { return y; }

set

{

if (value > 0)

y = value;

else

y = 0;

}

}

int d, m, y;

}

public class FIO

{

public FIO(string f, string i, string o)

{

this.f = f;

this.i = i;

this.o = o;

}

public virtual void FIOW()

{

Console.WriteLine("ФИО:\n{0} {1} {2}", f, i, o);

}

public string F

{

get { return f; }

set

{

if (value != null)

f = value;

else

f = "";

}

}

public string I

{

get { return i; }

set

{

if (value != null)

i = value;

else

i = "";

}

}

public string O

{

get { return o; }

set

{

if (value != null)

o = value;

else

o = "";

}

}

string f, i, o;

}

public class Sorted

{

public Sorted(int[] a, double[] b, string[] c)

{

this.a = new int[a.GetLength(0)];

this.a = a;

this.b = new double[b.GetLength(0)];

this.b = b;

this.c = new string[c.GetLength(0)];

this.c = c;

}

public virtual void SW()

{

CompareTo();

Console.WriteLine("Массив a:");

for (int i = 0; i < a.Length; i++)

Console.Write("{0} ", a[i]);

Console.WriteLine();

Console.WriteLine("Массив b:");

for (int i = 0; i < b.Length; i++)

Console.Write("{0} ", b[i]);

Console.WriteLine();

Console.WriteLine("Массив c:");

for (int i = 0; i < c.Length; i++)

Console.Write("{0} ", c[i]);

Console.WriteLine();

}

private int CompareTo()

{

Array.Sort(a);

Array.Sort(b);

Array.Sort(c);

return (0);

}

int[] a;

double[] b;

string[] c;

}

class Program

{

static void Main(string[] args)

{

List<BD> mas1 = new List<BD>();

mas1.Add(new BD(0, 0, 0));

foreach (BD x in mas1)

x.BDW();

List<FIO> mas2 = new List<FIO>();

mas2.Add(new FIO("Колковский", "Алексей", "-"));

foreach (FIO x in mas2)

x.FIOW();

int[] a = { 1, 6, 4, 2, 7, 5, 3 };

double[] b = { 1.1, 6.6, 4.4, 2.4, 7.6, 5.5, 3.3 };

string[] c = { "sdef", "sd", "sdfsd", "sdf" };

List<Sorted> mas3 = new List<Sorted>();

mas3.Add(new Sorted(a, b, c));

foreach (Sorted x in mas3)

x.SW();

}

}

}