using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace com.lti.casestudy.day1

{

class Student

{

public int id { get; set; }

public string name { get; set; }

public DateTime dateOfBirth { get; set; }

public Student() {}

public Student(int id, string name , DateTime dateOfBirth)

{

this.id = id;

this.name = name;

this.dateOfBirth = dateOfBirth;

}

}

class info

{

//public void Display(Student student)

//{

// //foreach (var temp in student)

// //{

// Console.WriteLine(student.id);

// Console.WriteLine(student.name);

// Console.WriteLine(student.dateOfBirth);

// // }

//}

public void Display(params Student[] student)

{

foreach (var temp in student)

{

Console.WriteLine(temp.id);

Console.WriteLine(temp.name);

Console.WriteLine(temp.dateOfBirth);

}

}

}

}

//Case Study 1

using com.lti.casestudy.day1;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace com.lti.casestudy.day1

{

class App

{

static void Main()

{

scenario1();

}

static void scenario1()

{

Student st1 = new Student();

Console.WriteLine("ID is " + st1.id);

Console.WriteLine("Name is " + st1.name);

st1.id = 10;

st1.name = "Ajay";

st1.dateOfBirth = Convert.ToDateTime("12/10/2020");

Student st2 = new Student();

st2.id = 10;

st2.name = "Ajay";

st2.dateOfBirth = Convert.ToDateTime("12/10/2020");

info in1 = new info();

in1.Display(st1);

in1.Display(st2);

}

// Scenario 2

// Array of Student Class

static void scenario2()

{

//int[] num = new int[10] { 1, 2, 3, 4, 5, 6, 8, 4, 5 ,90};

Student[] s = new Student[10] {

new Student() { id = 1, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 2, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 3, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 4, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 1, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 2, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 3, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 4, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 1, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

new Student() { id = 2, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") }

};

info in1 = new info();

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

//{

// in1.Display(s[i]);

//}

in1.Display(s);

// s = new Student[10]

// {

// s[0]= new Student() { id = 1, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[1]= new Student() { id = 2, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[2]= new Student() { id = 3, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[3]= new Student() { id = 4, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[4]= new Student() { id = 1, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[5]= new Student() { id = 2, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[6]= new Student() { id = 3, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[7]= new Student() { id = 4, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[8]= new Student() { id = 1, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") },

// s[9]= new Student() { id = 2, name = "Deepak", dateOfBirth = Convert.ToDateTime("12/12/2020") }

//};

}

static void Scenaio3()

{

int id;

string name;

DateTime dateOfBirth;

Student[] s = new Student[10];

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

{

Console.WriteLine("Enter ID");

id = Convert.ToByte(Console.ReadLine());

Console.WriteLine("ENter Name");

name = Console.ReadLine();

Console.WriteLine("ENter Date Of Birth");

dateOfBirth = Convert.ToDateTime(Console.ReadLine());

s[i] = new Student() { id = id, name = name, dateOfBirth = dateOfBirth };

}

info in1 = new info();

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

{

in1.Display(s[i]);

}

}

static void Scenario4()

{

}

// in1.Display(s);

// // Scenario 4

// int id;

// string name;

// for (int i = 0; i < 2; i++)

// {

// Console.WriteLine("Enter ID");

// id = Convert.ToInt32(Console.ReadLine());

// Console.WriteLine("Enter Name");

// name = Console.ReadLine();

// s[i] = new Student(id, name);

// s[i].Display();

// }

// for (int i = 0; i < 2; i++)

// {

// s[i] = new Student(1, "Ajay");

// s[i].Display();

// }

//}

}

}

}