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EXEMPLU GRILA:

Ce se intampla la rularea codului urmator?

using System;

using System.Collections.Generic;

using System.Linq;

namespace grila

{

class Student

{

public String Name { get; set; }

public int Age { get; set; }

public Student(string name, int age)

{

this.Name = name;

this.Age = age;

}

public override string ToString()

{

return Name + " " + Age;

}

}

class Program

{

static void Main(string[] args)

{

Student s1 = new Student("Ana", 18);

Student s2 = new Student("Dan", 20);

Student s3 = new Student("Ion", 18);

Student s4 = new Student("Maria", 19);

Student s5 = new Student("Maria", 21);

var students = new List<Student>();

students.Add(s1);

students.Add(s2);

students.Add(s3);

students.Add(s4);

students.Add(s5);

var filtered = students.GroupBy(s=>s.Age == 18).Select(s=>s.FirstOrDefault());

filtered.ForEach(s=>Console.WriteLine(s.ToString()));

}

}

}

Variante de răspuns:

1. Se afiseaza

Ana 18

Dan 20

Maria 19

Maria 21

1. Eroare de compilare
2. Ana 18

Ion 18

Dan 20

Maria 19

Maria 21

Explicații:

GroupBy returneaza un Ienumerable. Asadar, „filtered” este un IEnumerable care nu are definita metoda ForEach().