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Ce se afiseaza la rularea urmatorului cod ? Explicati .

class Student

{

public string ID { get; set; }

public string Nume { get; set; }

public int An { get; set; }

public Student() { }

public Student(string id, string nume, int an){

this.ID = id;

this.Nume = nume;

this.An = an;

}

public override string ToString(){

return "id: " + ID + " Nume: " + Nume + " an: " + An;

}

}

static void Main(string[] args)

{

Student s1 = new Student() { ID = "1", Nume = "Ion", An = 2 };

Student s2 = new Student() { ID = "2", Nume = "George", An = 2 };

Student s3 = new Student() { ID = "3", Nume = "Raluca", An = 1 };

Student s4 = new Student() { ID = "4", Nume = "Ion", An = 1 };

List<Student> all = new List<Student>();

all.Add(s1);

all.Add(s2);

all.Add(s3);

all.Add(s4)

all.Where(x => x.An == 2 && x.Nume == "Ion").ForEach(x => Console.WriteLine(x));

}

a)lista vida

b)id: 1 Nume: Ion an: 2

c)id: 1 Nume: Ion an: 2

id: 4 Nume: Ion an: 2

d)eroare

Explicatii : Codul returneaza o eroare deoarece Where returneaza IEnumerable si este nevoie sa returneze List pentru a putea fi iterat cu forEach.