## Limbajul: C#

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Ce se afișează la rularea codului urmator?

IList<Student> studentList = new List<Student>() {

new Student() { StudentID = 1, StudentName = "John", Age = 18, StandardID = 1 } ,

new Student() { StudentID = 2, StudentName = "Steve", Age = 21, StandardID = 1 } ,

new Student() { StudentID = 3, StudentName = "Bill", Age = 18, StandardID = 2 } ,

new Student() { StudentID = 4, StudentName = "Ram" , Age = 20, StandardID = 2 } ,

new Student() { StudentID = 5, StudentName = "Ron" , Age = 21 }

};

IList<Standard> standardList = new List<Standard>() {

new Standard(){ StandardID = 1, StandardName="Standard 1"},

new Standard(){ StandardID = 2, StandardName="Standard 2"},

new Standard(){ StandardID = 3, StandardName="Standard 3"}

var nestedQueries = from s in studentList

where s.age > 18 && s.StandardID ==

(from std in standardList

where std.StandardName == "Standard 1"

select std.StandardID).FirstOrDefault()

select s;

nestedQueries.ToList().ForEach(s => Console.WriteLine(s.StudentName));

* Variante de răspuns:

1. John Steve
2. Steve
3. eroare de compilare
4. John

* **Justificare raspuns (campul Explanation in Qlearn) :**

Nested query-ul va returna StandardId-ul 1, iar astlfel query-ul principal va selecta studentul cu varsta mai mare de 18 ani si StandardId 1, Steve fiind singurul student cu aceste criterii.

* Identificati conceptele din curs care au legatura cu grila propusa: CURS 11-12-LINQ
* **Referinte web: https://www.tutorialsteacher.com/linq/linq-tutorials**
* Dificultate: (**Easy**, Medium, Difficult)