**TECHNICAL UNIVERSITY OF MOLDOVA**



Laborator 4

Crearea și editarea tabelelor

**DISCIPLINA:** Baze de date

**Student :** Bandalac Sergiu

**Grupa :** FAF-193

Chișinău 2020

**Condiții preliminare:**

SQL SERVER 2017(Dev. Edition)

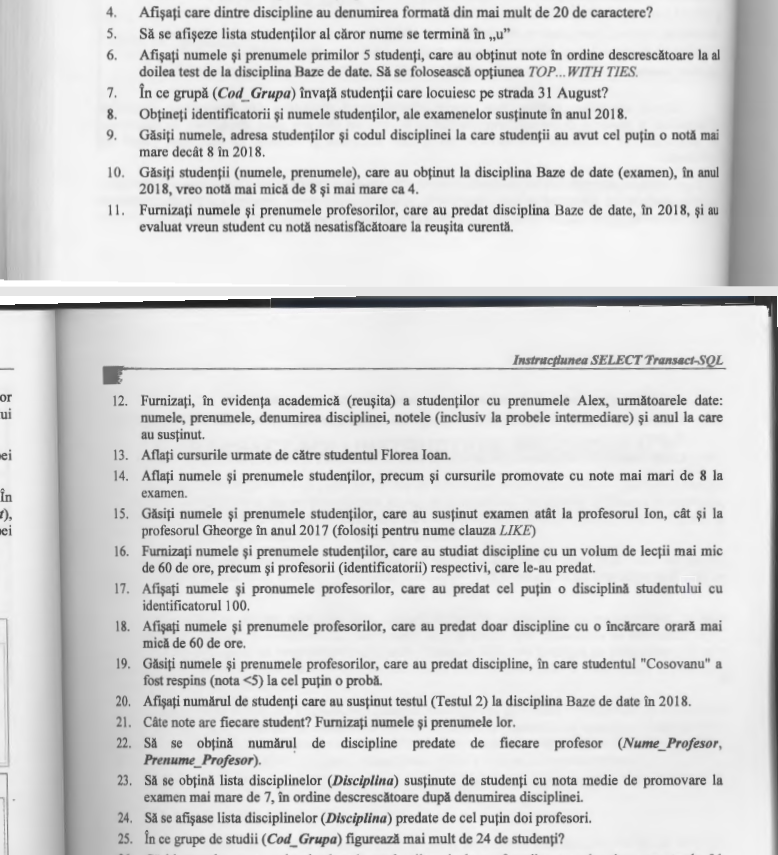
**Obiective:**

*1.Crearea interogarilor*

*2.Selectarea datelor*

*3.Legaturile dintre tabele*

**Sarcini:**

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**Query**

--Laborator 4 Bandalac Sergiu FAF-193

use universitatea

go

--4)Afisati care dintre discipline au denumirea formata din mai mult de 20 de caractere?

select \* from discipline where DATALENGTH(Disciplina)>20

go

--5)Sa se afiseze lista studentilor al caror nume se termina in ,,u"

select \* from studenti where Nume\_Student like '%u'

go

--7)in ce grupa (Cod\_ Grupa) invata studentii care locuiesc pe strada 31 August?

select DISTINCT Cod\_Grupa,studenti.Nume\_Student,studenti.Prenume\_Student,studenti.Adresa\_Postala\_Student from grupe

inner join studenti\_reusita on grupe.Id\_Grupa = studenti\_reusita.Id\_Grupa

inner join studenti on studenti\_reusita.Id\_Student = studenti.Id\_Student

where studenti.Adresa\_Postala\_Student like '%31 August%'

go

--13)Aflati cursurile urmate de catre studentul Florea Ioan.

select DISTINCT Nume\_Student, Prenume\_Student, Disciplina from discipline

inner join studenti\_reusita on studenti\_reusita.Id\_Disciplina = discipline.Id\_Disciplina

inner join studenti on studenti.Id\_Student = studenti\_reusita.Id\_Student

where Nume\_Student like'Florea%' and Prenume\_Student like '%Ioan'

go

--14)Aflati numele si prenumele studentilor, precum si cursurile promovate cu note mai mari de 8 la examen.

select Nume\_Student,Prenume\_Student,discipline.Disciplina,studenti\_reusita.Nota from studenti

inner join studenti\_reusita on studenti\_reusita.Id\_Student = studenti.Id\_Student

inner join discipline on discipline.Id\_Disciplina = studenti\_reusita.Id\_Disciplina

where Nota > 8 and Tip\_Evaluare like '%Examen%'

go

--20)Afisati numarul de studenti care au sustinut testul (Testul 2) la disciplina Baze de date in 2018.

select DISTINCT count(\*) as Nr\_studets from studenti

inner join studenti\_reusita on studenti.Id\_Student = studenti\_reusita.Id\_Student

inner join discipline on studenti\_reusita.Id\_Disciplina = discipline.Id\_Disciplina

where Tip\_Evaluare = 'Testul 2' and Nota > 4 and Disciplina = 'Baze de date' and Year(Data\_Evaluare) = 2018

go

--25)In ce grupe de studii (Cod\_ Grupa) figureaza mai mult de 24 de studenti?

select Distinct grupe.Cod\_Grupa from studenti

inner join studenti\_reusita on studenti.Id\_Student = studenti\_reusita.Id\_Student

inner join grupe on grupe.Id\_Grupa = studenti\_reusita.Id\_Grupa

Group By Cod\_Grupa

HAVING COUNT(Distinct studenti\_reusita.Id\_Student) > 24

go

--26)Gasiti numele, prenumele ~i adresele studentilor ~i ale profesorilor care locuiesc pe strada 31 August.

select Distinct Nume\_Student,Prenume\_Student,Adresa\_Postala\_Student from studenti

inner join studenti\_reusita on studenti\_reusita.Id\_Student = studenti.Id\_Student

inner join grupe on grupe.Id\_Grupa = studenti\_reusita.Id\_Grupa

where Adresa\_Postala\_Student like '%31 august%'

UNION

select Nume\_Profesor, Prenume\_Profesor, Adresa\_Postala\_Profesor from profesori

where Adresa\_Postala\_Profesor like '%31 august%'

go

--27)Afisati studentii (identificatorii) care au sustinut (evaluare examen) la toate disciplinele predate de prof. lon.

select Distinct Nume\_Student,Prenume\_Student from studenti

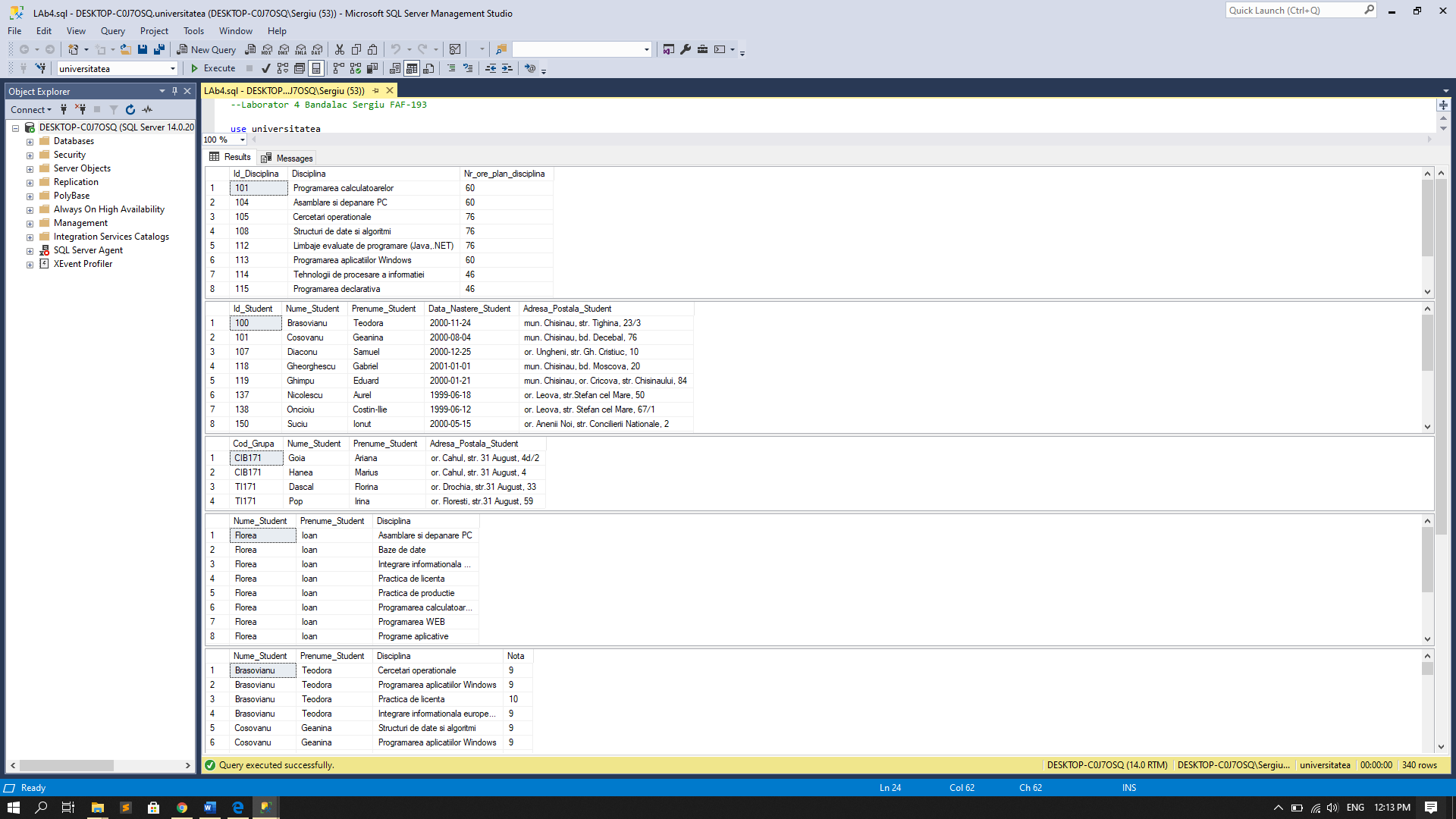
inner join studenti\_reusita on studenti.Id\_Student = studenti\_reusita.Id\_Student

inner join profesori on profesori.Id\_Profesor = studenti\_reusita.Id\_Profesor

where Tip\_Evaluare = 'Examen' and Nota > 4 and Prenume\_Profesor like 'Ion'

go

**Rezultat**



**Concluzii**

In aceasta lucrare de laborator am avut de efectuat niste interogari pentru a afisa niste date concrete.

Totodată am însușit lucrul cu intrucțiunea select și atributele care se folosesc pentru definirea interogarilor.