FAF-192

05.10.2020

Databases Laboratory Work Nr.4

Title: SELECT TRANSACT-SQL INSTRUCTION

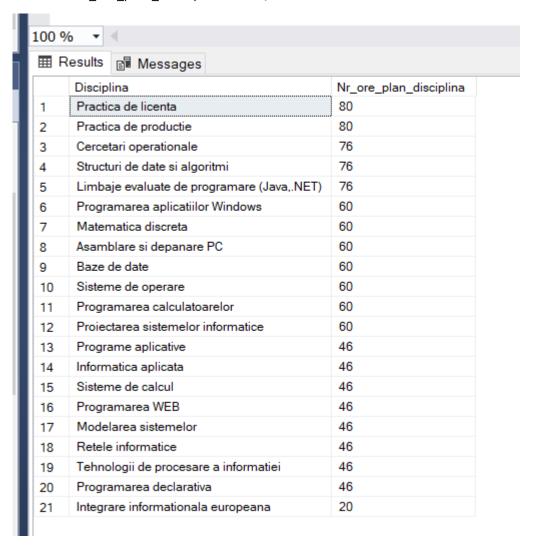
Tasks:

- Exercises 1 to 10
- Exercises 20, 21, 22
- Exercises 30,31,35

SELECT * FROM grupe;

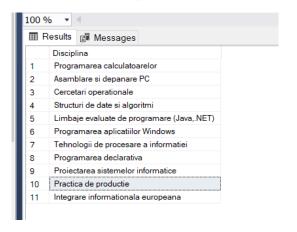


2. SELECT Disciplina, Nr_ore_plan_disciplina FROM discipline
 ORDER BY Nr_ore_plan_disciplina DESC;

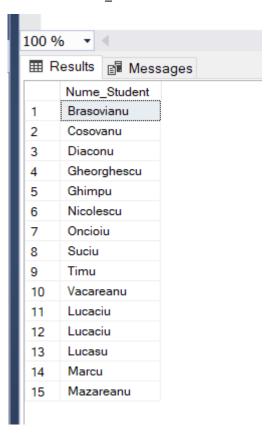


II F	Results Messages			
	Nume_Profesor	Prenume_Profesor	Disciplina_D	
1	Avram	Sanda	Proiectarea sistemelor informatice	
2	Bivol	lon	Practica de licenta	
3	Bivol	lon	Structuri de date si algoritmi	
4	Dogar	Alexandru	Retele informatice	
5	Frent	Tudor	Cercetari operationale	
6	llascu	Ionela	Tehnologii de procesare a informatiei	
7	Micu	Elena	Baze de date	
8	Micu	Elena	Structuri de date si algoritmi	
9	Mircea	Maria	Integrare informationala europeana	
10	Mircea	Sorin	Programe aplicative	
11	Misan	Andrei	Practica de productie	
12	Mocanu	Diana	Programarea aplicatiilor Windows	
13	Mocanu	Diana	Programarea calculatoarelor	
14	Mocanu	Diana	Programarea WEB	
15	Munteanu	Alexandru	Informatica aplicata	
16	Munteanu	Alexandru	Programarea declarativa	
17	Nazarie	Alexandru	Modelarea sistemelor	
18	Nechita	Vasile	Practica de productie	
19	Negru	Sergiu	Limbaje evaluate de programare (Java,.NET)	
20	Olteanu	Andrei	Matematica discreta	
21	Popescu	Gabriel	Asamblare si depanare PC	
22	Popescu	Gabriel	Sisteme de calcul	
23	Popescu	Gabriel	Sisteme de operare	
24	Ungureanu	Iulia	Practica de productie	

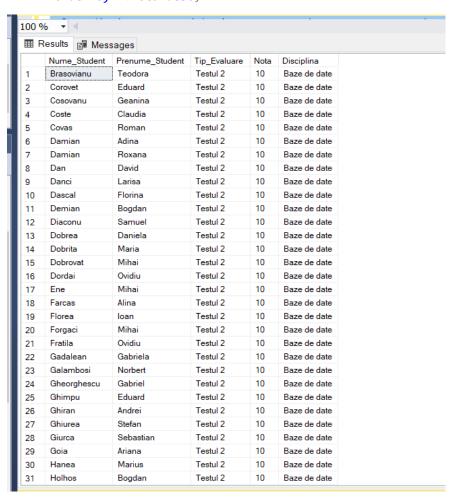
4. select Disciplina from discipline
 where len(Disciplina) > 20;

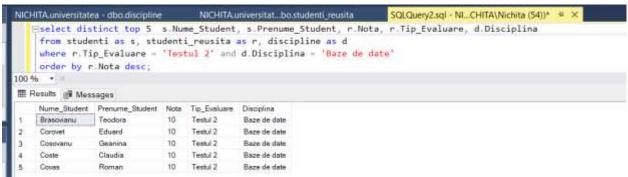


5. select Nume_Student from studenti where Nume_Student like '%u'



6. select distinct top 5 with ties s.Nume_Student, s.Prenume_Student,
 r.Tip_Evaluare, r.Nota, d.Disciplina
 from studenti as s, studenti_reusita as r, discipline as d
 where r.Tip_Evaluare = 'Testul 2' and d.Disciplina = 'Baze de date'
 order by r.Nota desc;





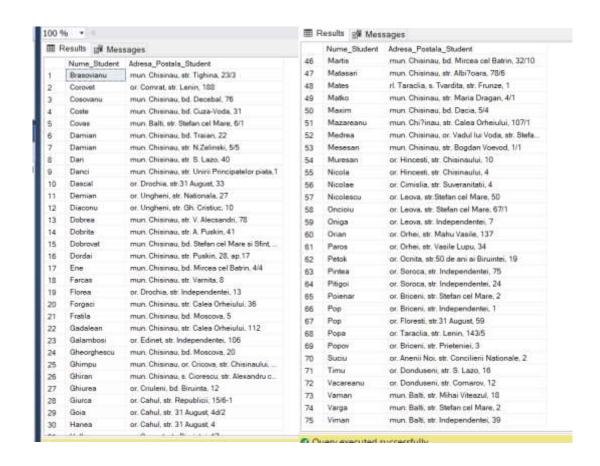
7. select distinct g.Cod_Grupa, s.Adresa_Postala_Student, s.Nume_Student,
 s.Prenume_Student
 from grupe as g, studenti_reusita as r, studenti as s
 where s.Adresa_Postala_Student like '%31 August%';

F	Results 📳 N	lessages		
	Cod_Grupa	Adresa_Postala_Student	Nume_Student	Prenume_Student
	CIB171	or. Cahul, str. 31 August, 4	Hanea	Marius
	CIB171	or. Cahul, str. 31 August, 4d/2	Goia	Ariana
	CIB171	or. Drochia, str.31 August, 33	Dascal	Florina
	CIB171	or. Floresti, str.31 August, 59	Pop	Irina
	INF171	or. Cahul, str. 31 August, 4	Hanea	Marius
	INF171	or. Cahul, str. 31 August, 4d/2	Goia	Ariana
	INF171	or. Drochia, str.31 August, 33	Dascal	Florina
	INF171	or. Floresti, str.31 August, 59	Pop	Irina
	TI171	or. Cahul, str. 31 August, 4	Hanea	Marius
0	TI171	or. Cahul, str. 31 August, 4d/2	Goia	Ariana
1	TI171	or. Drochia, str.31 August, 33	Dascal	Florina
	TI171	or. Floresti, str.31 August, 59	Pop	Irina

8. select distinct s.Id_Student, s.Prenume_Student, s.Nume_Student
 from studenti_reusita as r, studenti as s
 where r.Data_Evaluare like '%2018%' and r.Tip_Evaluare = 'Examen'
 order by s.Id_Student;

	ld Student	Messages Prenume_Student	Nume_Student		Results 🗐 🛭	Messages	
1	100	Teodora	Brasovianu		Id_Student	Prenume_Student	Nume_Studen
1	101	Geanina	Cosovanu	34	133	Alexandra	Lincar
2	101	Claudia	Coste	35	134	Sergiu	Muresan
3		Roxana	Damian	36	135	Claudiu	Nicola
4	103			37	136	Radu	Nicolae
5	104	Adina	Damian	38	137	Aurel	Nicolescu
6	105	David	Dan	39	138	Costin-Ilie	Oncioiu
7	106	Larisa	Danci	40	139	Bogdan	Oniga
В	107	Samuel	Diaconu	41	140	Sergiu	Orian
9	108	Bogdan	Demian	42	141	Constantin	Paros
10	109	Daniela	Dobrea	43	142	Lorand	Petok
11	110	Maria	Dobrita	44	143	Andrei	Pintea
12	111	Mihai	Dobrovat	45	144	Valentina	Pitigoi
13	112	Ovidiu	Dordai	46	145	Robert	Poienar
14	113	Mihai	Ene	47	146	Andrei	Popov
15	114	Alina	Farcas	48	147	Alexandru	Pop
16	115	Mihai	Forgaci	49	148	Irina	Pop
17	116	Ovidiu	Fratila	50	149	Mihaela	Popa
18	117	Gabriela	Gadalean	51	150	lonut	Suciu
19	118	Gabriel	Gheorghescu	52	151	Andrei	Timu
20	119	Eduard	Ghimpu	53	152	Stefan	Vacareanu
21	120	Andrei	Ghiran	54	153	Mihai	Vaman
22	121	Stefan	Ghiurea	55	154	Izabella	Varga
23	122	Sebastian	Giurca	56	155	Viorel	Viman
24	123	Ariana	Goia	57	156	Cristiana	Irimia
25	124	Marius	Hanea	58	157	Andrei	Irimus
26	125	Bogdan	Holhos	59	158	Stefana	Judea
27	126	Eduard	Corovet	60	159	Flaviu	Jurj
28	127	Alex	Luca	61	160	Roman	Covas
20 29	128	Catalin	Mates	62	161	Roland	Letea
29 30	129	Florina	Dascal	63	162	Laura	Luca
30 31	130	Ioan	Florea	64	163	Raul	Lucaciu

9. select distinct s.Nume_Student, s.Adresa_Postala_Student
 from studenti as s, studenti_reusita as r
 where r.Nota > 8 and r.Data_Evaluare like '%2018%'



10. select distinct s.Nume_Student, s.Prenume_Student
 from studenti as s, studenti_reusita as r, discipline as d
 where

r.Nota < 8 and r.Nota > 4 and r.Data_Evaluare like '%2018%'
and r.Tip_Evaluare = 'Examen' and d.Disciplina = 'Baze de date'
and d.Id_Disciplina = r.Id_Disciplina

■ F	Results 🗐 Mes	sages			Results	Prenume Stud
	Nume_Student	Prenume_Student		31	Holhos	Bogdan
1	Brasovianu	Teodora		32	Irimia	Cristiana
2	Corovet	Eduard		33	Irimus	Andrei
3	Cosovanu	Geanina		34	Jinga	Cristian
4	Coste	Claudia		35	Judea	Stefana
5	Covas	Roman	- I			Flaviu
6	Damian	Adina		36	Jurj	
7	Damian	Roxana		37	Letea	Roland
8	Dan	David		38	Lincar	Alexandra
9	Danci	Larisa	41	39	Luca	Alex
10	Dascal	Florina		40	Luca	Laura
11	Demian	Bogdan		41	Lucaciu	Alexandru
12	Diaconu	Samuel		42	Lucaciu	Raul
13	Dobrea	Daniela		43	Lucasu	Victor
14	Dobrita	Maria		44	Marcu	Daniel
15	Dobrovat	Mihai		45	Marin	Stefan
16	Dordai	Ovidiu		46	Martis	Dan
17	Ene	Mihai		47	Matasari	Alexandru
18	Farcas	Alina		48	Mates	Catalin
19	Florea	loan		49	Matko	Mihai
20	Forgaci	Mihai		50	Maxim	Tudor
21	Fratila	Ovidiu		51	Mazareanu	Sergiu
22	Gadalean	Gabriela		52	Medrea	Diana
23	Galambosi	Norbert		53	Mesesan	Maria
24	Gheorghescu	Gabriel		54	Muresan	Sergiu
25	Ghimpu	Eduard			Nicola	_
26	Ghiran	Andrei		55		Claudiu
27	Ghiurea	Stefan		56	Nicolae	Radu
28	Giurca	Sebastian		57	Nicolescu	Aurel
29	Goia	Ariana		58	Oncioiu	Costin-Ilie
30	Hanea	Marius		59	Oniga	Bogdan
31_	Holhos	Boadan	[]	60	Orian	Sergiu

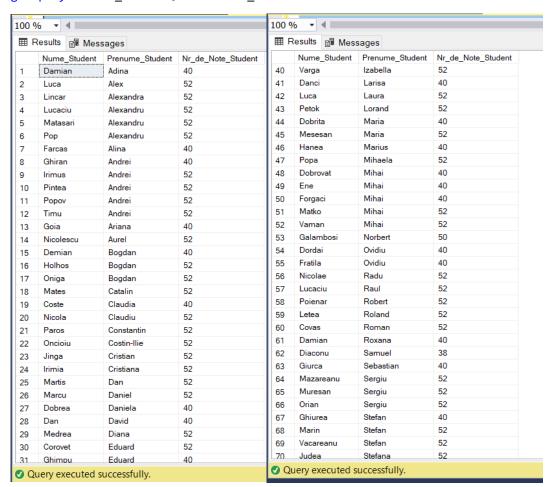
select distinct count(r.Id_Student)
from studenti as s, studenti_reusita as r, discipline as d
where
r.Nota > 4 and r.Data_Evaluare like '%2018%'
and d.Disciplina = 'Baze de date' and r.Tip_Evaluare = 'Testul 2'

Results ### Messages

(No column name)
1 0

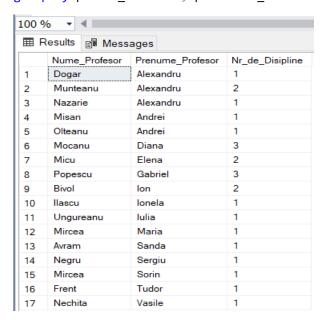
21. select s.Nume_Student, s.Prenume_Student, count(r.Nota) as Nr_de_Note_Student
 from studenti_reusita as r, studenti as s
 where r.Id_Student = s.Id_Student

group by s.Nume_Student, s.Prenume_Student



22. select p.Nume_Profesor, p.Prenume_Profesor, count(distinct r.Id_Disciplina) as
 Nr_de_Disipline
 from profesori as p, studenti_reusita as r
 where r.Id_Profesor = p.Id_Profesor

group by p.Nume Profesor, p.Prenume Profesor



group by d.Disciplina



31. select distinct s.Nume Student, s.Prenume Student, count(r.Nota) as Nr_de_Respingeri, d.Disciplina from discipline as d, studenti reusita as r, studenti as s r.Nota < 5 and where d.Id Disciplina = r.Id Disciplina and s.Id_Student = r.Id_Student group by s.Nume Student, s.Prenume Student, d.Disciplina having count(r.Nota) > 2

Object Explorer Details SQLQuery13.sql - N...CHITA\Nichita (53))* SQLQue 100 % **▼** 4 ■ 100 % Results Messages Nume_Student Prenume Student Nr de Respingeri Disciplina Corovet Eduard Programarea calculatoarelor Nume_Student Prenume_Student Nr_de_Respingeri Disciplina Forgaci Mihai Programarea aplicatiilor Windows Geanina 3 Modelarea sistemelor Cosovanu Gadalean Gabriela 18 Practica de productie Coste Claudia Integrare informationala europeana 19 Galambosi Norbert Practica de productie Coste Claudia 3 Programarea aplicatiilor Windows Galambosi Norbert Sisteme de operare Coste Claudia 3 Structuri de date si algoritmi Galambosi Tehnologii de procesare a inform... Norbert Covas Roman Programarea calculatoarelor 22 Ghimpu Eduard Baze de date Danci Larisa Matematica discreta Ghimpu Eduard Practica de productie 23 Florina 3 8 Dascal Asamblare si depanare PC 24 Ghiurea Stefan Structuri de date si algoritmi Dascal Florina 3 Sisteme de calcul 25 Bogdan Practica de productie Diaconu 3 Programarea aplicatiilor Windows 10 Samuel Leteia Roland Integrare informationala europeana 26 Dobrovat Mihai Baze de date 11 Lincar Alexandra Structuri de date si algoritmi 12 Dordai Ovidiu 3 Projectarea sistemelor informatice 28 Projectarea sistemelor informatice Luca Laura 13 Mihai 3 Cercetari operationale 29 Lucaciu Alexandru Informatica aplicata 14 Farcas Alina Cercetari operationale Lucaciu Programarea calculatoarelor 15 Farcas Alina Structuri de date si algoritmi 31 Lucasu Victor Baze de date 16 Florea loan 3 Practica de productie 32 Marin Stefan Programarea declarativa 17 Forgaci 3 Programarea aplicatiilor Windows 33 Matko Mihai Limbaje evaluate de programare (... 18 Gadalean Gabriela 3 Practica de productie 34 Matko Mihai Programe aplicative Galambosi Norbert Practica de productie 19 35 Sergiu Limbaje evaluate de programare (... 20 Galambosi Norbert 3 Sisteme de operare Mazareanu Seraiu Programe aplicative 36 Galambosi Norbert Tehnologii de procesare a inform... 21 37 Nicola Claudiu Practica de productie 22 Ghimpu Eduard 3 Baze de date 38 Nicola Claudiu Programe aplicative Ghimpu Eduard 23 Practica de productie 39 Nicola Claudio Structuri de date si algoritmi 24 Ghiurea Stefan Structuri de date si algoritmi Oncioiu Costin-Ilie Structuri de date si algoritmi Holhos 3 25 Bogdan Practica de productie 41 Asamblare si depanare PC Pop Irina Integrare informationala europeana 26 Letea Roland 3 42 Tehnologii de procesare a inform. Popa Mihaela Programarea WEB Lincar Alexandra Structuri de date si algoritmi 43 27 28 Luca Laura 3 Projectarea sistemelor informatice 44 Popov Andrei Asamblare si depanare PC 45 Andrei Tehnologii de procesare a inform...

Popov

Viman

Viorel

Programarea calculatoarelor

46

4

5

6

9

29

30

31

Lucaciu

Lucaciu

Lucasu

3

4

Alexandru

Raul

Victor

Informatica aplicata

Baze de date

Programarea calculatoarelor

35. select d.Id_Disciplina, d.Disciplina, avg(cast(r.Nota as float)) as
 Media_pe_Disciplina
 from discipline as d, studenti_reusita as r
 where d.Id_Disciplina = r.Id_Disciplina
 group by d.Id_Disciplina, d.Disciplina having avg(cast(r.Nota as float)) > 7

Ⅲ F	Results 🗐 Me	essages	
	Id_Disciplina	Disciplina	Media_pe_Disciplina
1	115	Programarea declarativa	7,21
2	109	Retele informatice	7,27
3	112	Limbaje evaluate de programare (Java,.NET)	7,18
4	101	Programarea calculatoarelor	7,03
5	105	Cercetari operationale	7,01
6	117	Practica de licenta	7,05369127516779
7	111	Modelarea sistemelor	7,1734693877551