

BAZE DE DATE LUICAN GABRIEL

Exemplul 1

```
CREATE TABLE student(  
    id BIGSERIAL NOT NULL PRIMARY KEY,  
    first_name VARCHAR(32) NOT NULL,  
    last_name VARCHAR(32) NOT NULL  
);  
  
CREATE TABLE gradebook(  
    discipline VARCHAR(32),  
    grade INT CHECK (grade > 0 AND grade <= 10),  
    student_id INT,  
  
    CONSTRAINT fk_gradebook_student FOREIGN KEY (student_id) REFERENCES student  
    (id)  
);  
  
INSERT INTO student (  
    first_name,  
    last_name  
)  
VALUES ('Ioana', 'Popescu'),  
    ('Irina', 'Ionescu'),  
    ('Amalia', 'Marinescu'),  
    ('Laura', 'Sandulescu'),  
    ('Andrei', 'Adam'),  
    ('Alex', 'Paunescu');  
  
INSERT INTO gradebook (  
    discipline,  
    grade,  
    student_id  
)  
VALUES ('TSI', 8, 1),  
    ('TSI', 10, 2),  
    ('Analiza_Matematica', 10, 2),  
    ('Analiza_Matematica', 9, 1);
```

Data OutputMessagesNotifications

	id [PK] bigint	first_name character varying (32)	last_name character varying (32)
1	1	Ioana	Popescu
2	2	Irina	Ionescu
3	3	Amalia	Marinescu
4	4	Laura	Sandulescu
5	5	Andrei	Adam
6	6	Alex	Paunescu

Data OutputMessagesNotifications

	discipline character varying (32)	grade integer	student_id integer
1	TSI	8	1
2	TSI	10	2
3	Analiza_Matematica	10	2
4	Analiza_Matematica	9	1

```
SELECT *
FROM gradebook;
```

Data OutputMessagesNotifications

	discipline character varying (32)	grade integer	student_id integer
1	TSI	8	1
2	TSI	10	2
3	Analiza_Matematica	10	2
4	Analiza_Matematica	9	1

```
SELECT *
FROM gradebook, student
WHERE gradebook.student_id = student.id;
```

	discipline character varying (32)	grade integer	student_id integer	id bigint	first_name character varying (32)	last_name character varying (32)
1	TSI	8	1	1	Ioana	Popescu
2	TSI	10	2	2	Irina	Ionescu
3	Analiza_Matematica	10	2	2	Irina	Ionescu
4	Analiza_Matematica	9	1	1	Ioana	Popescu

```
SELECT gradebook.discipline, gradebook.grade, student.last_name || ' ' ||
student.first_name as Nume_Student
FROM gradebook
LEFT JOIN student ON (student.id = gradebook.student_id)
WHERE grade = 10;
```











	discipline character varying (32)	grade integer	nume_student text
1	Analiza_Matematica	10	Ionescu Irina
2	TSI	10	Ionescu Irina

Exemplul 2











```
SELECT COUNT(*)
FROM student;
```

	count bigint
1	6












```
SELECT COUNT(*)
FROM gradebook
WHERE grade = 8;
```

Data Output	Messages	Notifications
        		
	count bigint	
1		1

```
SELECT AVG(grade)
from gradebook;
```

Data Output	Messages	Notifications
        		
	avg numeric	
1	9.2500000000000000	

```
SELECT student_id, AVG(grade) as medie
FROM gradebook
GROUP BY student_id
ORDER BY medie DESC;
```

Data Output	Messages	Notifications
        		
	student_id integer	medie numeric
		
1	2	10.0000000000000000
2	1	8.5000000000000000

```
SELECT id, first_name, last_name, MIN
FROM (
    SELECT MIN(grade) as min, student_id
    FROM gradebook
    INNER JOIN student on id = gradebook.student_id
    GROUP BY student_id
) as c
INNER JOIN student on id = c.student_id
LIMIT 4;
```

Data Output

Messages

Notifications

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	<div><div>Id</div><div>[PK] bigint</div><div></div></div>	<div><div>first_name</div><div>character varying (32)</div><div></div></div>	<div><div>last_name</div><div>character varying (32)</div><div></div></div>	<div><div>min</div><div>integer</div><div></div></div>
1	2	Irina	Ionescu	10
2	1	Ioana	Popescu	8

```

SELECT id, first_name, last_name, MAX
FROM (
    SELECT MAX(grade) as max, student_id
    FROM gradebook
    INNER JOIN student ON id = gradebook.student_id
    GROUP BY student_id
) as c
INNER JOIN student on id = c.student_id
LIMIT 5;

```

Data Output

Messages

Notifications

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	<div><div>id</div><div>[PK] bigint</div><div></div></div>	<div><div>first_name</div><div>character varying (32)</div><div></div></div>	<div><div>last_name</div><div>character varying (32)</div><div></div></div>	<div><div>max</div><div>integer</div><div></div></div>
1	2	Irina	Ionescu	10
2	1	Ioana	Popescu	9

Exemplul 3

```

CREATE TABLE student (
    id INT GENERATED BY DEFAULT AS IDENTITY NOT NULL PRIMARY KEY,
    first_name VARCHAR(32) NOT NULL,
    last_name VARCHAR(32) NOT NULL,
    age INT CHECK (age > 17)
);

CREATE TABLE gradebook (
    discipline VARCHAR(32),
    grade INT CHECK (grade > 0 and grade <= 10),
    student_id INT,
    create_date DATE DEFAULT NOW(),
    modified_date DATE DEFAULT NOW(),
    CONSTRAINT fk_gradebook_student FOREIGN KEY (student_id) REFERENCES student
(id)
);

CREATE TABLE student_details (
    student_id INT NOT NULL PRIMARY KEY,

```

```
CNP VARCHAR(13),
address VARCHAR(128),
city VARCHAR(16),
s_year INT,
specialization VARCHAR(64),
college VARCHAR(64),
CONSTRAINT fk_sutdent_details_student FOREIGN KEY (student_id) REFERENCES
student (id)
);

CREATE TABLE ERASMUS (
    student_id INT NOT NULL,
    s_year VARCHAR(4)
);

INSERT INTO ERASMUS (
    student_id,
    s_year
)
VALUES
    (1, '1'),
    (4, '1'),
    (7, '1'),
    (8, '1'),
    (13, '1'),
    (23, '1'),
    (34, '1');

INSERT INTO student (
    first_name,
    last_name,
    age
)
VALUES
    ('Elena', 'Dumitrescu', 20),
    ('Irina', 'Dumitrescu', 19),
    ('Andrei', 'Oancea', 18),
    ('Alexandru', 'Ilie', 21),
    ('Andra', 'Botez', 19),
    ('Anca', 'Vasilescu', 18),
    ('Alina', 'Popescu', 20),
    ('Claudiu', 'Popa', 19),
    ('Eugen', 'Ionescu', 22),
    ('Oana', 'Ion', 18);

INSERT INTO student_details (
    student_id,
    CNP,
    address,
    city,
    s_year,
    specialization,
    college
)
```

VALUES

```
(1, '2990903263948', 'str. Iuliu Maniu nr. 14', 'Brasov', 1, 'IAG', 'UNITBV'),
(2, '1980223764893', 'str. Popa Nan nr. 2A bl.9C', 'Bucuresti', 1, 'IAG',
'UNITBV'),
(3, '1970718934572', 'str. Calea Bucuresti nr. 2', 'Brasov', 1, 'IAG',
'UNITBV'),
(4, '010911982346', 'str. Intrarea Chirnogi nr. 17B', 'Bucuresti', 1, 'IAG',
'UNITBV'),
(5, '020325125423', 'str.Gheorghe Doja nr. 37', 'Ploiesti', 1, 'IAG',
'UNITBV'),
(6, '030801923840', 'Bd. Republicii nr. 5 bl.17', 'Codlea', 1, 'IAG',
'UNITBV'),
(7, '010204453625', 'str. Popa Nan nr. 267 bl.3', 'Bucuresti', 1, 'IAG',
'UNITBV'),
(8, '021213912837', 'str. Stefan Baciuc nr. 3', 'Brasov', 1, 'IAG', 'UNITBV'),
(9, '032611923746', 'str. 1 Decembrie nr. 1 bl.8', 'Brasov', 1, 'IAG',
'UNITBV'),
(10, '990912928347', 'str. Calea Bucuresti nr. 6 bl.22D', 'Brasov', 1, 'IAG',
'UNITBV');
```

```
INSERT INTO gradebook (
    discipline,
    grade,
    student_id
)
```

VALUES

```
('AF', 10, 1),
('AF', 9, 2),
('AF', 10, 3),
('AF', 9, 4),
('AF', 10, 5),
('AF', 10, 6),
('AF', 8, 7),
('AF', 7, 8),
('AF', 10, 9),
('AF', 6, 10),
('TSI', 10, 1),
('TSI', 9, 2),
('TSI', 6, 3),
('TSI', 9, 4),
('TSI', 10, 5),
('TSI', 9, 6),
('TSI', 8, 7),
('TSI', 7, 8),
('TSI', 10, 9),
('TSI', 5, 10),
('ENGLEZA', 10, 1),
('ENGLEZA', 9, 2),
('ENGLEZA', 10, 3),
('ENGLEZA', 9, 4),
('ENGLEZA', 4, 5),
('ENGLEZA', 6, 6),
('ENGLEZA', 8, 7),
('ENGLEZA', 10, 8),
```

```
('ENGLEZA', 9, 9),
('ENGLEZA', 7, 10),
('BIROTICA', 9, 1),
('BIROTICA', 10, 2),
('BIROTICA', 8, 3),
('BIROTICA', 9, 4),
('BIROTICA', 10, 5),
('BIROTICA', 9, 6),
('BIROTICA', 10, 7),
('BIROTICA', 5, 8),
('BIROTICA', 9, 9),
('BIROTICA', 10, 10);
```

Data OutputMessagesNotifications

	student_id [PK] integer	cnp character varying (13)	address character varying (128)	city character varying (16)	s_year integer	specialization character varying (64)	college character varying (64)
1	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
2	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV
3	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV
4	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV
5	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV
6	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV
7	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV
8	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV
9	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV
10	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV

Data OutputMessagesNotifications

	id [PK] integer	first_name character varying (32)	last_name character varying (32)	age integer
1	1	Elena	Dumitrescu	20
2	2	Irina	Dumitrescu	19
3	3	Andrei	Oancea	18
4	4	Alexandru	Ilie	21
5	5	Andra	Botez	19
6	6	Anca	Vasilescu	18
7	7	Alina	Popescu	20
8	8	Claudiu	Popa	19
9	9	Eugen	Ionescu	22
10	10	Oana	Ion	18

Data OutputMessagesNotifications

	discipline character varying (32)	grade integer	student_id integer	create_date date	modified_date date
1	AF	10	1	2023-12-10	2023-12-10

2	AF	9	2	2023-12-10	2023-12-10
3	AF	10	3	2023-12-10	2023-12-10
4	AF	9	4	2023-12-10	2023-12-10
5	AF	10	5	2023-12-10	2023-12-10
6	AF	10	6	2023-12-10	2023-12-10
7	AF	8	7	2023-12-10	2023-12-10
8	AF	7	8	2023-12-10	2023-12-10
9	AF	10	9	2023-12-10	2023-12-10
10	AF	6	10	2023-12-10	2023-12-10
11	TSI	10	1	2023-12-10	2023-12-10
12	TSI	9	2	2023-12-10	2023-12-10
13	TSI	6	3	2023-12-10	2023-12-10
14	TSI	9	4	2023-12-10	2023-12-10
15	TSI	10	5	2023-12-10	2023-12-10
16	TSI	9	6	2023-12-10	2023-12-10
17	TSI	8	7	2023-12-10	2023-12-10
18	TSI	7	8	2023-12-10	2023-12-10
19	TSI	10	9	2023-12-10	2023-12-10
20	TSI	5	10	2023-12-10	2023-12-10
21	ENGLEZA	10	1	2023-12-10	2023-12-10
22	ENGLEZA	9	2	2023-12-10	2023-12-10
23	ENGLEZA	10	3	2023-12-10	2023-12-10
24	ENGLEZA	9	4	2023-12-10	2023-12-10
25	ENGLEZA	4	5	2023-12-10	2023-12-10
26	ENGLEZA	6	6	2023-12-10	2023-12-10
27	ENGLEZA	8	7	2023-12-10	2023-12-10
28	ENGLEZA	10	8	2023-12-10	2023-12-10
29	ENGLEZA	9	9	2023-12-10	2023-12-10
30	ENGLEZA	7	10	2023-12-10	2023-12-10
31	BIROTICA	9	1	2023-12-10	2023-12-10
32	BIROTICA	10	2	2023-12-10	2023-12-10
33	BIROTICA	8	3	2023-12-10	2023-12-10
34	BIROTICA	9	4	2023-12-10	2023-12-10
35	BIROTICA	10	5	2023-12-10	2023-12-10
36	BIROTICA	9	6	2023-12-10	2023-12-10
37	BIROTICA	10	7	2023-12-10	2023-12-10
38	BIROTICA	5	8	2023-12-10	2023-12-10
39	BIROTICA	9	9	2023-12-10	2023-12-10
40	BIROTICA	10	10	2023-12-10	2023-12-10

	student_id integer	s_year character varying (4)
1	1	1
2	4	1
3	7	1
4	8	1
5	13	1
6	23	1
7	34	1

```
SELECT *
FROM ERASMUS es
JOIN student_details sd on es.student_id = sd.student_id;
```

	student_id integer	s_year character varying (4)	student_id integer	cnp character varying (13)	address character varying (128)	city character varying (16)	s_year integer	specialization character varying (64)	college character varying (64)
1	1	1	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
2	4	1	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV
3	7	1	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV
4	8	1	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV

```
SELECT *
FROM ERASMUS es
LEFT JOIN student_details sd ON es.student_id = sd.student_id;
```

	student_id integer	s_year character varying (4)	student_id integer	cnp character varying (13)	address character varying (128)	city character varying (16)	s_year integer	specialization character varying (64)	college character varying (64)
1	1	1	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
2	4	1	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV
3	7	1	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV
4	8	1	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV
5	13	1	[null]	[null]	[null]	[null]	[null]	[null]	[null]
6	23	1	[null]	[null]	[null]	[null]	[null]	[null]	[null]
7	34	1	[null]	[null]	[null]	[null]	[null]	[null]	[null]

```
SELECT *
FROM ERASMUS es
RIGHT JOIN student_details sd ON es.student_id = sd.student_id;
```

Data Output		Messages		Notifications					
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	<div><div>student_id</div><div>integer</div></div>	<div><div>s_year</div><div>character varying (4)</div></div>	<div><div>student_id</div><div>integer</div></div>	<div><div>cnp</div><div>character varying (13)</div></div>	<div><div>address</div><div>character varying (128)</div></div>	<div><div>city</div><div>character varying (16)</div></div>	<div><div>s_year</div><div>integer</div></div>	<div><div>specialization</div><div>character varying (64)</div></div>	<div><div>college</div><div>character varying (64)</div></div>
1	1	1	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
2	4	1	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV
3	7	1	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV
4	8	1	8	021213912837	str. Stefan Baci nr. 3	Brasov	1	IAG	UNITBV
5	[null]	[null]	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV
6	[null]	[null]	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV
7	[null]	[null]	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV
8	[null]	[null]	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV
9	[null]	[null]	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV
10	[null]	[null]	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV

```
SELECT *
FROM ERASMUS es
FULL JOIN student_details sd ON es.student_id = sd.student_id;
```

Data Output

Messages

Notifications

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```
SELECT *
FROM student_details
NATURAL JOIN gradebook c
WHERE city = 'Ploiesti';
```

Data Output												Messages	Notifications
<div><div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div></div>													
	student_id integer	cnp character varying (13)	address character varying (128)	city character varying (16)	s_year integer	specialization character varying (64)	college character varying (64)	discipline character varying (32)	grade integer	create_date date	modified_date date		
1	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	AF	10	2023-12-10	2023-12-10		
2	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	TSI	10	2023-12-10	2023-12-10		
3	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	ENGLEZA	4	2023-12-10	2023-12-10		
4	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	BIROTICA	10	2023-12-10	2023-12-10		

```
SELECT *
FROM student_details
INNER JOIN gradebook c ON student_details.student_id = c.student_id
WHERE city = 'Ploiesti';
```

Data Output

Messages

Notifications












	student_id integer	cnp character varying (13)	address character varying (128)	city character varying (16)	s_year integer	specialization character varying (64)	college character varying (64)	discipline character varying (32)	grade integer	student_id integer	create_date date	modified_date date
1	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	AF	10	5	2023-12-10	2023-12-10
2	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	TSI	10	5	2023-12-10	2023-12-10
3	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	ENGLEZA	4	5	2023-12-10	2023-12-10
4	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	BIROTICA	10	5	2023-12-10	2023-12-10

```
SELECT CNP, age, city, discipline, grade
FROM gradebook
LEFT JOIN public.student s ON s.id = gradebook.student_id
LEFT JOIN student_details sd ON s.id = sd.student_id
WHERE age > 19
AND city = 'Brasov';
```

Data Output Messages Notifications					
	cnp character varying (13)	age integer	city character varying (16)	discipline character varying (32)	grade integer
1	2990903263948	20	Brasov	AF	10
2	032611923746	22	Brasov	AF	10
3	2990903263948	20	Brasov	TSI	10
4	032611923746	22	Brasov	TSI	10
5	2990903263948	20	Brasov	ENGLEZA	10
6	032611923746	22	Brasov	ENGLEZA	9
7	2990903263948	20	Brasov	BIROTICA	9
8	032611923746	22	Brasov	BIROTICA	9

```
SELECT *
FROM student, public.student_details;
```

	id integer	first_name character varying (32)	last_name character varying (32)	age integer	student_id integer	cnp character varying (13)	address character varying (128)	city character varying (16)	s_year integer	specialization character varying (64)	college character varying (64)
1	1	Elena	Dumitrescu	20	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
2	1	Elena	Dumitrescu	20	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV
3	1	Elena	Dumitrescu	20	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV
4	1	Elena	Dumitrescu	20	4	010911982346	str. Intrarea Chirnogi nr. 178	Bucuresti	1	IAG	UNITBV
5	1	Elena	Dumitrescu	20	5	020325125423	str. Gheorghe Doja nr. 37	Pioiesti	1	IAG	UNITBV
6	1	Elena	Dumitrescu	20	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV
7	1	Elena	Dumitrescu	20	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV
8	1	Elena	Dumitrescu	20	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV
9	1	Elena	Dumitrescu	20	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV
10	1	Elena	Dumitrescu	20	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV
11	2	Irina	Dumitrescu	19	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
12	2	Irina	Dumitrescu	19	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV
13	2	Irina	Dumitrescu	19	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV
14	2	Irina	Dumitrescu	19	4	010911982346	str. Intrarea Chirnogi nr. 178	Bucuresti	1	IAG	UNITBV
15	2	Irina	Dumitrescu	19	5	020325125423	str. Gheorghe Doja nr. 37	Pioiesti	1	IAG	UNITBV
16	2	Irina	Dumitrescu	19	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV
17	2	Irina	Dumitrescu	19	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV
18	2	Irina	Dumitrescu	19	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV
19	2	Irina	Dumitrescu	19	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV
20	2	Irina	Dumitrescu	19	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV
21	3	Andrei	Oancea	18	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
22	3	Andrei	Oancea	18	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV
23	3	Andrei	Oancea	18	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV
24	3	Andrei	Oancea	18	4	010911982346	str. Intrarea Chirnogi nr. 178	Bucuresti	1	IAG	UNITBV
25	3	Andrei	Oancea	18	5	020325125423	str. Gheorghe Doja nr. 37	Pioiesti	1	IAG	UNITBV
26	3	Andrei	Oancea	18	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV
27	3	Andrei	Oancea	18	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV
28	3	Andrei	Oancea	18	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV
29	3	Andrei	Oancea	18	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV
30	3	Andrei	Oancea	18	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV
31	4	Alexandru	Ilie	21	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
32	4	Alexandru	Ilie	21	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV
33	4	Alexandru	Ilie	21	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV
34	4	Alexandru	Ilie	21	4	010911982346	str. Intrarea Chirnogi nr. 178	Bucuresti	1	IAG	UNITBV
35	4	Alexandru	Ilie	21	5	020325125423	str. Gheorghe Doja nr. 37	Pioiesti	1	IAG	UNITBV
36	4	Alexandru	Ilie	21	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV
37	4	Alexandru	Ilie	21	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV
38	4	Alexandru	Ilie	21	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV
39	4	Alexandru	Ilie	21	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV
40	4	Alexandru	Ilie	21	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV
41	5	Andra	Botez	19	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV
42	5	Andra	Botez	19	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV
43	5	Andra	Botez	19	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV
44	5	Andra	Botez	19	4	010911982346	str. Intrarea Chirnogi nr. 178	Bucuresti	1	IAG	UNITBV

Data Output											Messages	Notifications
												
	id integer	first_name character varying (32)	last_name character varying (32)	age integer	student_id integer	cnp character varying (13)	address character varying (128)	city character varying (16)	s_year integer	specialization character varying (64)	college character varying (64)	
45	5	Andra	Botez	19	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	
46	5	Andra	Botez	19	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV	
47	5	Andra	Botez	19	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV	
48	5	Andra	Botez	19	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV	
49	5	Andra	Botez	19	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV	
50	5	Andra	Botez	19	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV	
51	6	Anca	Vasilescu	18	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV	
52	6	Anca	Vasilescu	18	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV	
53	6	Anca	Vasilescu	18	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV	
54	6	Anca	Vasilescu	18	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV	
55	6	Anca	Vasilescu	18	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	
56	6	Anca	Vasilescu	18	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV	
57	6	Anca	Vasilescu	18	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV	
58	6	Anca	Vasilescu	18	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV	
59	6	Anca	Vasilescu	18	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV	
60	6	Anca	Vasilescu	18	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV	
61	7	Alina	Popescu	20	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV	
62	7	Alina	Popescu	20	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV	
63	7	Alina	Popescu	20	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV	
64	7	Alina	Popescu	20	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV	
65	7	Alina	Popescu	20	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	
66	7	Alina	Popescu	20	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV	
67	7	Alina	Popescu	20	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV	
68	7	Alina	Popescu	20	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV	
69	7	Alina	Popescu	20	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV	
70	7	Alina	Popescu	20	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV	
71	8	Claudiu	Popa	19	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV	
72	8	Claudiu	Popa	19	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV	
73	8	Claudiu	Popa	19	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV	
74	8	Claudiu	Popa	19	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV	
75	8	Claudiu	Popa	19	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	
76	8	Claudiu	Popa	19	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV	
77	8	Claudiu	Popa	19	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV	
78	8	Claudiu	Popa	19	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV	
79	8	Claudiu	Popa	19	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV	
80	8	Claudiu	Popa	19	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV	
81	9	Eugen	Ionescu	22	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV	
82	9	Eugen	Ionescu	22	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV	
83	9	Eugen	Ionescu	22	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV	
84	9	Eugen	Ionescu	22	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV	
85	9	Eugen	Ionescu	22	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	
86	9	Eugen	Ionescu	22	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV	
87	9	Eugen	Ionescu	22	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV	
88	9	Eugen	Ionescu	22	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV	
89	9	Eugen	Ionescu	22	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV	
90	9	Eugen	Ionescu	22	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV	
91	10	Oana	Ion	18	1	2990903263948	str. Iuliu Maniu nr. 14	Brasov	1	IAG	UNITBV	
92	10	Oana	Ion	18	2	1980223764893	str. Popa Nan nr. 2A bl.9C	Bucuresti	1	IAG	UNITBV	
93	10	Oana	Ion	18	3	1970718934572	str. Calea Bucuresti nr. 2	Brasov	1	IAG	UNITBV	
94	10	Oana	Ion	18	4	010911982346	str. Intrarea Chirnogi nr. 17B	Bucuresti	1	IAG	UNITBV	
95	10	Oana	Ion	18	5	020325125423	str.Gheorghe Doja nr. 37	Ploiesti	1	IAG	UNITBV	
96	10	Oana	Ion	18	6	030801923840	Bd. Republicii nr. 5 bl.17	Codlea	1	IAG	UNITBV	
97	10	Oana	Ion	18	7	010204453625	str. Popa Nan nr. 267 bl.3	Bucuresti	1	IAG	UNITBV	
98	10	Oana	Ion	18	8	021213912837	str. Stefan Baciu nr. 3	Brasov	1	IAG	UNITBV	
99	10	Oana	Ion	18	9	032611923746	str. 1 Decembrie nr. 1 bl.8	Brasov	1	IAG	UNITBV	
100	10	Oana	Ion	18	10	990912928347	str. Calea Bucuresti nr. 6 bl.22D	Brasov	1	IAG	UNITBV	