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## Lab 03

### Ownership

- Student: Marius Vintila
  - Group: 341C5
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**NOTE:** Please note that this repository is private. You need to provide me with your github account to provide you access.

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### Lab

#### CATALOG generate script

```
CREATE TABLE "CATALOG"  
(  
    "NUMAR_MATRICOL" NUMBER(10,0),  
    "AN_UNIVERSITAR" VARCHAR2(9),  
    "NUME_STUDENT" VARCHAR2(50),  
    "MEDIE_MATEMATICA" NUMBER(2,0),  
    "MEDIE_FIZICA" NUMBER(2,0),  
    "MEDIE_ROMANA" NUMBER(2,0)  
)  
/
```

#### Excel file

	A	B	C	D	E	F	
1	Numar_matricol	An_universitar	Nume_student	Medie_matematica	Medie_fizica	Medie_romana	
2	1	2020-2021	Dorel Ion	4	8	8	
3	2	2020-2021	Dorinel Filip	5	7	7	
4	3	2020-2021	Hogea Alexandru	6	6	6	
5	4	2020-2021	Muraru George	7	5	5	
6	5	2020-2021	Deaconescu Razvan	8	4	4	
7	6	2020-2021	Crainea Razvan	9	3	3	
8	7	2020-2021	Rughinis Razvan	10	2	2	
9	8	2020-2021	Carabas Mihai	10	1	1	
10	9	2020-2021	Chiroiu Mihai	10	0	0	
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Data loaded in APEX

The screenshot shows the APEX Query Builder interface. The top navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'App Gallery'. The main area is titled 'CATALOG' and displays a table with the following columns: NUMAR\_MATRICOL, AN\_UNIVERSITAR, NUME\_STUDENT, MEDIE\_MATEMATICA, MEDIE\_FIZICA, and MEDIE\_ROMANA. The table contains 9 rows of data, corresponding to the data in the first table. The interface also shows a left sidebar with 'Object Browser' and 'Catalog' tabs, and a bottom status bar indicating 'row 931, 1 of 9'.

EDIT	NUMAR_MATRICOL	AN_UNIVERSITAR	NUME_STUDENT	MEDIE_MATEMATICA	MEDIE_FIZICA	MEDIE_ROMANA
	1	2020-2021	Dorel Ion	4	8	8
	2	2020-2021	Dorinel Filip	5	7	7
	3	2020-2021	Hogea Alexandru	6	6	6
	4	2020-2021	Muraru George	7	5	5
	5	2020-2021	Deaconescu Razvan	8	4	4
	6	2020-2021	Crainea Razvan	9	3	3
	7	2020-2021	Rughinis Razvan	10	2	2
	8	2020-2021	Carabas Mihai	10	1	1
	9	2020-2021	Chiroiu Mihai	10	0	0

Query Builder List

CATALOG		
<input checked="" type="checkbox"/>	NUMAR_MATRICOL	789
<input checked="" type="checkbox"/>	AN_UNIVERSITAR	A
<input checked="" type="checkbox"/>	NUME_STUDENT	A
<input checked="" type="checkbox"/>	MEDIE_MATEMATICA	789
<input type="checkbox"/>	MEDIE_FIZICA	789
<input type="checkbox"/>	MEDIE_ROMANA	789

Conditions

SQL

Results

Saved SQL

	Column	Alias	Object	Condition	Sort Type	Sort Order	Show	Function	Group By	Delete
▲ ▼	NUMAR_MATRICOL	NUMAR_MATRICOL	CATALOG		Asc ▼		<input checked="" type="checkbox"/>		<input type="checkbox"/>	×
▲ ▼	AN_UNIVERSITAR	AN_UNIVERSITAR	CATALOG	= '2020-2021'	Asc ▼		<input checked="" type="checkbox"/>		<input type="checkbox"/>	×
▲ ▼	NUME_STUDENT	NUME_STUDENT	CATALOG		Asc ▼	1	<input checked="" type="checkbox"/>		<input type="checkbox"/>	×
▲ ▼	MEDIE_MATEMATICA	MEDIE_MATEMATICA	CATALOG		Asc ▼		<input checked="" type="checkbox"/>		<input type="checkbox"/>	×

Conditions

SQL

Results

Saved SQL

```
select CATALOG.NUMAR_MATRICOL as NUMAR_MATRICOL,
       CATALOG.AN_UNIVERSITAR as AN_UNIVERSITAR,
       CATALOG.NUME_STUDENT as NUME_STUDENT,
       CATALOG.MEDIE_MATEMATICA as MEDIE_MATEMATICA
from CATALOG CATALOG
where CATALOG.AN_UNIVERSITAR = '2020-2021'
order by CATALOG.NUME_STUDENT ASC
```

Conditions	SQL	Results	Saved SQL	
NUMAR_MATRICOL		AN_UNIVERSITAR	NUME_STUDENT	MEDIE_MATEMATICA
8		2020-2021	Carabas Mihai	10
9		2020-2021	Chiroiu Mihai	10
6		2020-2021	Crainea Razvan	9
5		2020-2021	Deaconescu Razvan	8
1		2020-2021	Dorel Ion	4
2		2020-2021	Dorinel Filip	5
3		2020-2021	Hogea Alexandru	6
4		2020-2021	Muraru George	7
7		2020-2021	Rughinis Razvan	10
row(s) 1 - 9 of 9				
Download				