EXP NO: 03	Database for a car
DATA: 10/02/2022	Insurance company

<u>Aim:</u> To implement commands to create and find data from the table as required below.

Description about the problem:

Consider the insurance database given below.

- PERSON (driver_id, name, address) CAR (regno, model, year)
- PARTICIPATED (driver_id,regno,report_number,damage_amount)
 - ✓ Create the above tables by properly specifying the primary keys and foreign keys and enter atleast five tuples for each relation.
 - ✓ Update the damage amount for the car with specific regno in the accident with reportnumber 12 to 25000.
 - ✓ Add a new car to the database.
 - ✓ Find the total number of people who owned BMW cars before 2009
 - ✓ List the names of the person whose name contain substring 'LA'.
 - ✓ List the driver details who damage amount is between 10000-20000
 - ✓ list the person belongs to 'chennai' and 'mumbai'
 - ✓ list the year of the car in descending order
 - ✓ list the car regno, model, driver id.
 - ✓ remove the car with year of manufacture is <2000

Queries:

- create table person (driver_id int primary key, d_name varchar (100) not null, address varchar (100) not null)
- create table car (reg_no int primary key, model_name varchar (20) not null, year_p int not null,color varchar(10))
- create table participated (driver_id int not null,reg_no int not null,rep_no int not null,

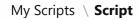
- damage_no int not null, foreign key (driver_id)
 references person(driver_id), foreign key (reg_no)
 references car(reg no))
- insert into person
 values(&driver id,'&d name','&address')
- insert into car values (1, 'TATA', 2000, 'White')
- > SELECT * FROM person
- insert into participated values (01,1,10,14000)
- ▶ update participated set damage_no=25000 where rep no=15
- > select count(year_p) from car where model_name in ('BMW')
- ➤ select * from person where address='Mumbai' or address='Chennai'
- > select year p from car order by year p desc
- ➤ delete * from car where year p<2000

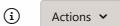
Result:

Successfully implemented the commands for the given situation of car insurance company.







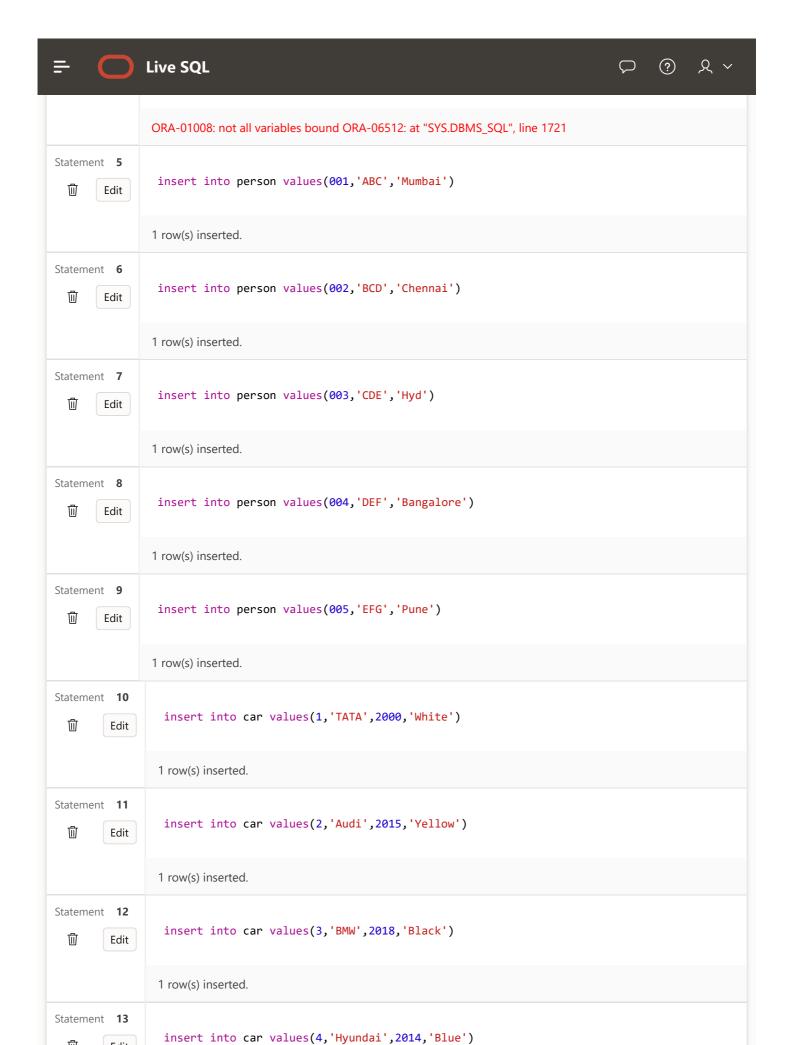






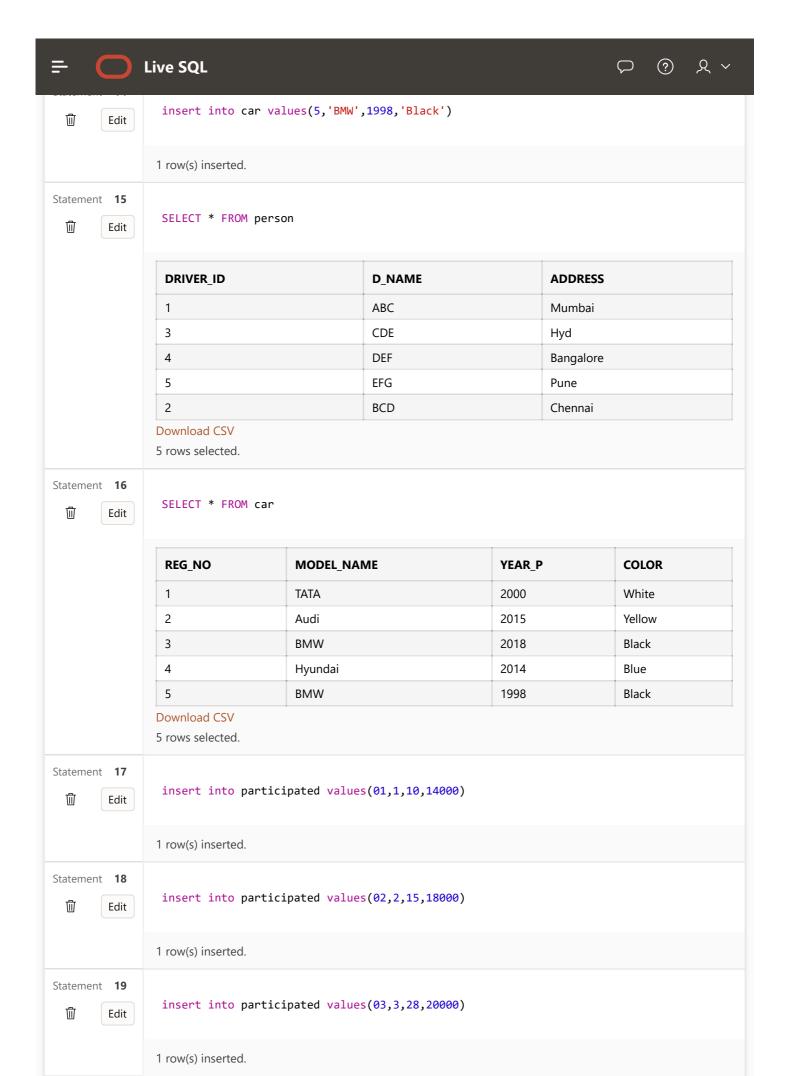
Name	Session 03
Description	Week 3 DBMS
Area	-
Visibility	Publicly Shareable - available via unlisted URL
Contributor	RA1911027010007
Share Link	https://livesql.oracle.com/apex/livesql/s/m1w4qjrfc6whxkbt8t8huz8ie
Tags	-
Script Results	We cannot determine the last run date for this script. What's This?
Last Updated	Thursday April 28, 2022 (Created 3 months ago)
Metrics	47 Statements, 2,378 bytes

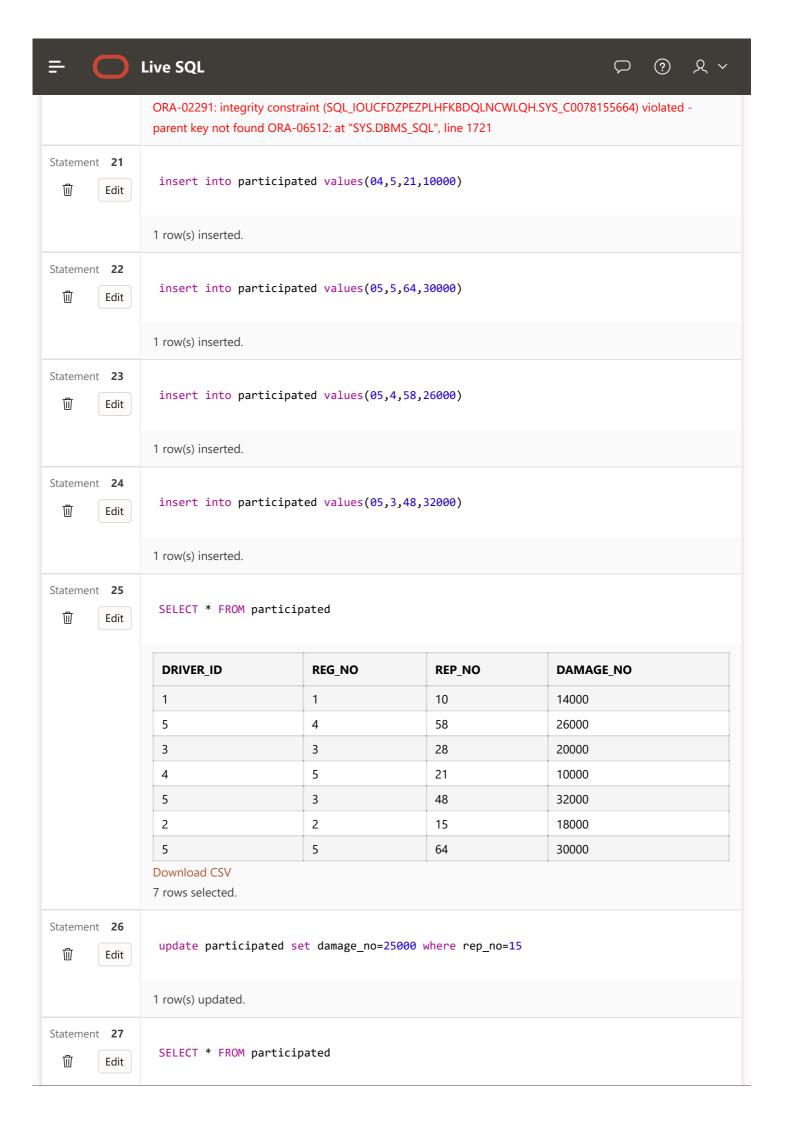


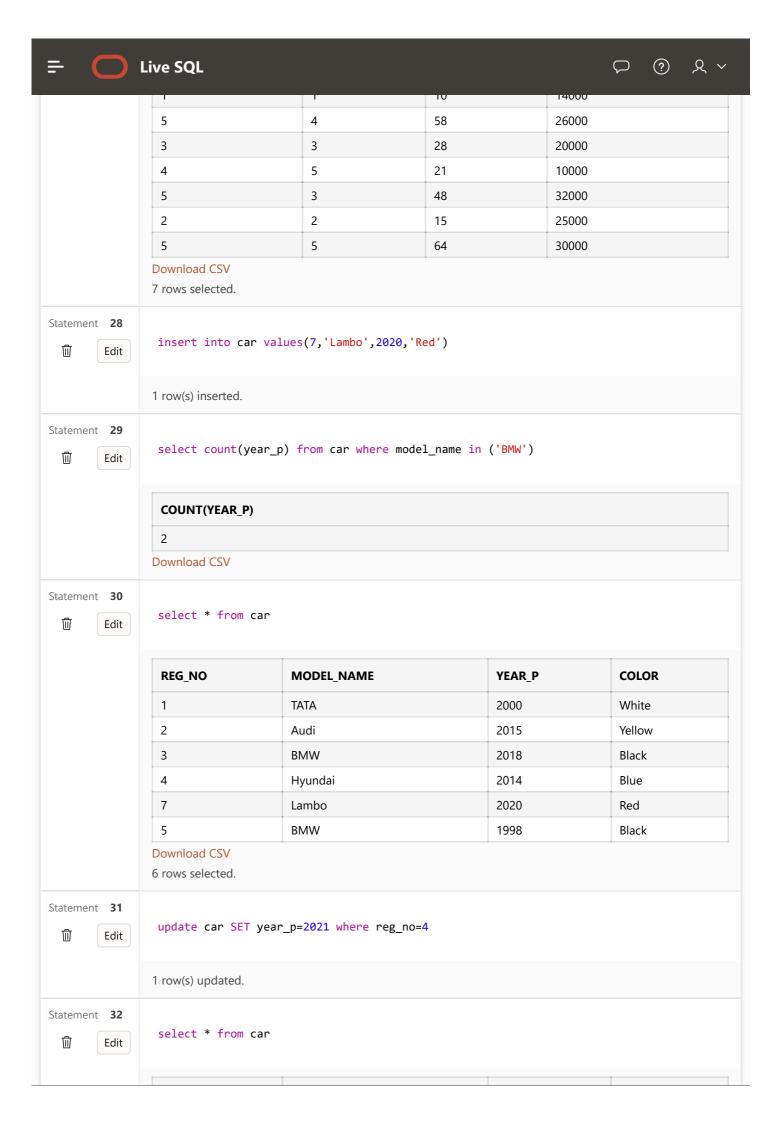


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Edit













2	Audi	2015	Yellow
3	BMW	2018	Black
4	Hyundai	2021	Blue
7	Lambo	2020	Red
5	BMW	1998	Black

Download CSV

6 rows selected.

Statement 33

□ Edit

select count(year_p) from car where model_name='BMW' and year_p<2009</pre>

COUNT(YEAR_P)

1

Download CSV

Statement 34

 Edit

select d_name from person where d_name like '%LA%'

no data found

Statement 35

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Edit

select * from participated where damage_no>10000 and damage_no<20000</pre>

DRIVER_ID	REG_NO	REP_NO	DAMAGE_NO
1	1	10	14000

Download CSV

Statement 36

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select * from person where address in 'Mumbai' or 'Chennai'

ORA-00920: invalid relational operator

Statement 37

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select * from person where address='Mumbai' or address='Chennai'

DRIVER_ID	D_NAME	ADDRESS
1	ABC	Mumbai
2	BCD	Chennai

Download CSV

2 rows selected.

Statement 38



Edit

select year_p from car order by year_p desc







2021	
2020	
2018	
2015	
2000	
1998	

Download CSV

6 rows selected.

Statement 39

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select reg_no,model_name,driver_id from car,person

REG_NO	MODEL_NAME	DRIVER_ID
1	TATA	1
1	TATA	2
1	TATA	3
1	TATA	4
1	TATA	5
2	Audi	1
2	Audi	2
2	Audi	3
2	Audi	4
2	Audi	5
3	BMW	1
3	BMW	2
3	BMW	3
3	BMW	4
3	BMW	5
4	Hyundai	1
4	Hyundai	2
4	Hyundai	3
4	Hyundai	4
4	Hyundai	5
7	Lambo	1
7	Lambo	2
7	Lambo	3
7	Lambo	4
7	Lambo	5
5	BMW	1
5	BMW	2

