**NAME:TASMIYA FATHIMA**

**USN:1BM19CS172**

**PROGRAM-1**

**Queries**

create database insurance;

use insurance;

create table person(

driver\_id varchar(10),

name varchar(20),

address varchar(30),

primary key(driver\_id));

desc person;

create table car(

reg\_num varchar(10),

model varchar(10),

year int,

primary key(reg\_num)

);

desc car;

create table accident(

report\_num int,

accident\_date varchar(20),

location varchar(20),

primary key(report\_num)

);

create table owns(

driver\_id varchar(20),

reg\_num varchar(20),

primary key(driver\_id,reg\_num),

foreign key(driver\_id) references person(driver\_id),

foreign key(reg\_num) references car(reg\_num)

);

desc owns;

create table participated(

driver\_id varchar(20),

reg\_num varchar(20),

report\_num int,

damage\_amount int,

primary key(driver\_id,reg\_num,report\_num),

foreign key(driver\_id) references car(reg\_num),

foreign key(report\_num) references accident(report\_num)

);

insert into person values('1','tasmiya','kormangala');

insert into person values('2','sosun','wilson garden');

insert into person values('3','masoom','berley street');

insert into person values('4','farhana','landen ');

insert into person values('5','ellen','aradhana layout');

commit;

select \*from person;

insert into car values('12','tata','2001');

insert into car values('13','nano','2002');

insert into car values('14','tesla','2003');

insert into car values('15','innova','2004');

insert into car values('16','ford','2005');

commit;

select \*from car;

insert into accident values('23','13-12-2012','basvangudi');

insert into accident values('24','14-10-2012','kormangala');

insert into accident values('25','13-06-012','brigade road');

insert into accident values('26','23-05-2012','austin town');

insert into accident values('27','03-01-2012','ring road');

commit;

select \*from accident;

insert into owns values('1','12');

insert into owns values('2','13');

insert into owns values('3','14');

insert into owns values('4','15');

insert into owns values('5','16');

commit;

select \*from owns;

insert into participated values('12','KA05562','24','5000');

insert into participated values('13','KA07799','25','6000');

insert into participated values('14','KA08899','26','7000');

insert into participated values('15','KA022333','27','8000');

insert into participated values('16','KA03355','27','9000');

commit;

select \*from participated;

update participated set damage\_amount=25000 where reg\_num='KA05562' and report\_num=24;

select \*from participated;

commit;

insert into accident values('28','18-01-2018','Muesuem road');

select \*from accident;

select count(distinct driver\_id) CNT from participated a, accident b where

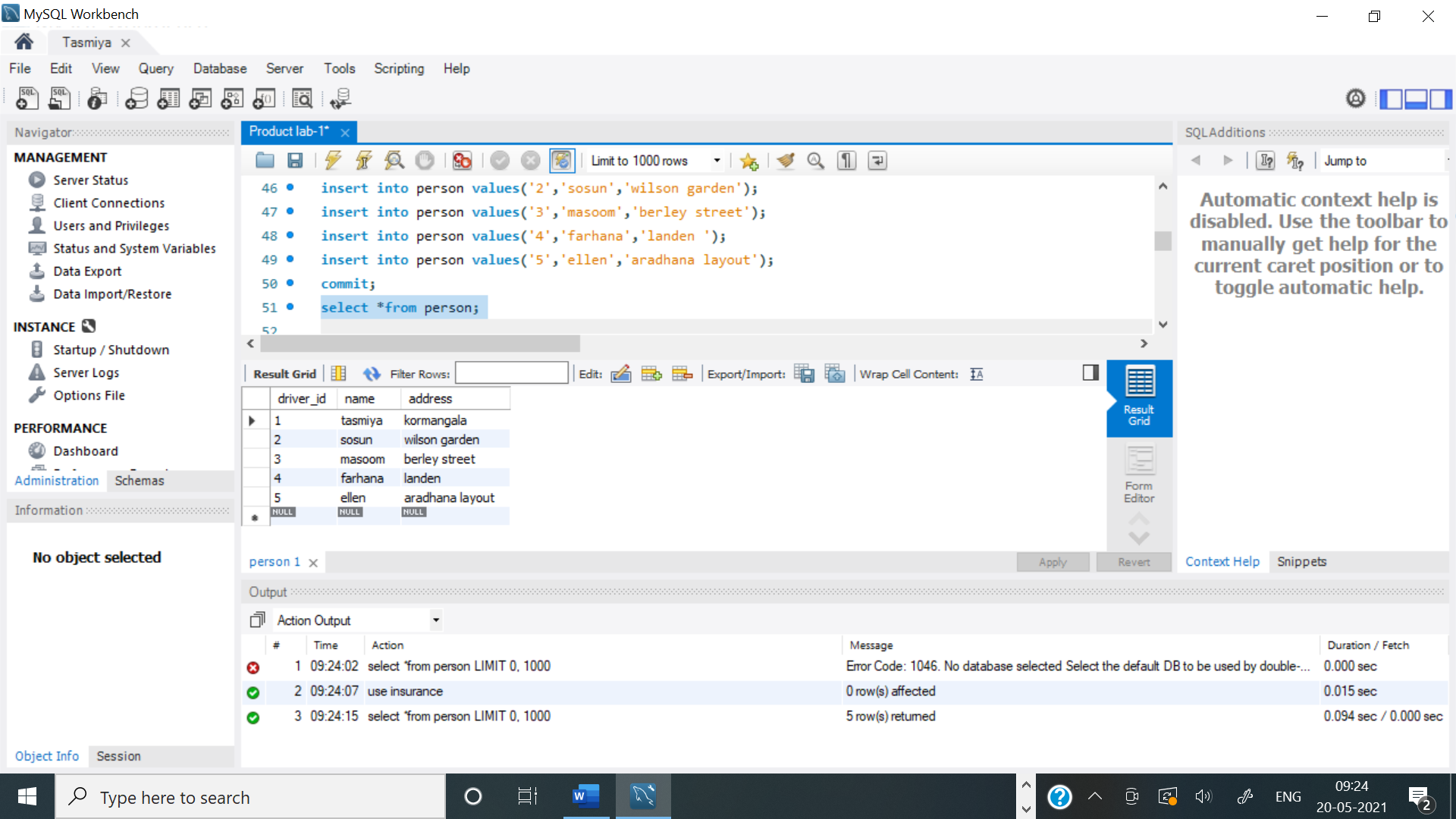
a.report\_num=b.report\_num and b.accident\_date like '%08';

select count(report\_num) CNT from car c,participated p where c.reg\_num=p.reg\_num and

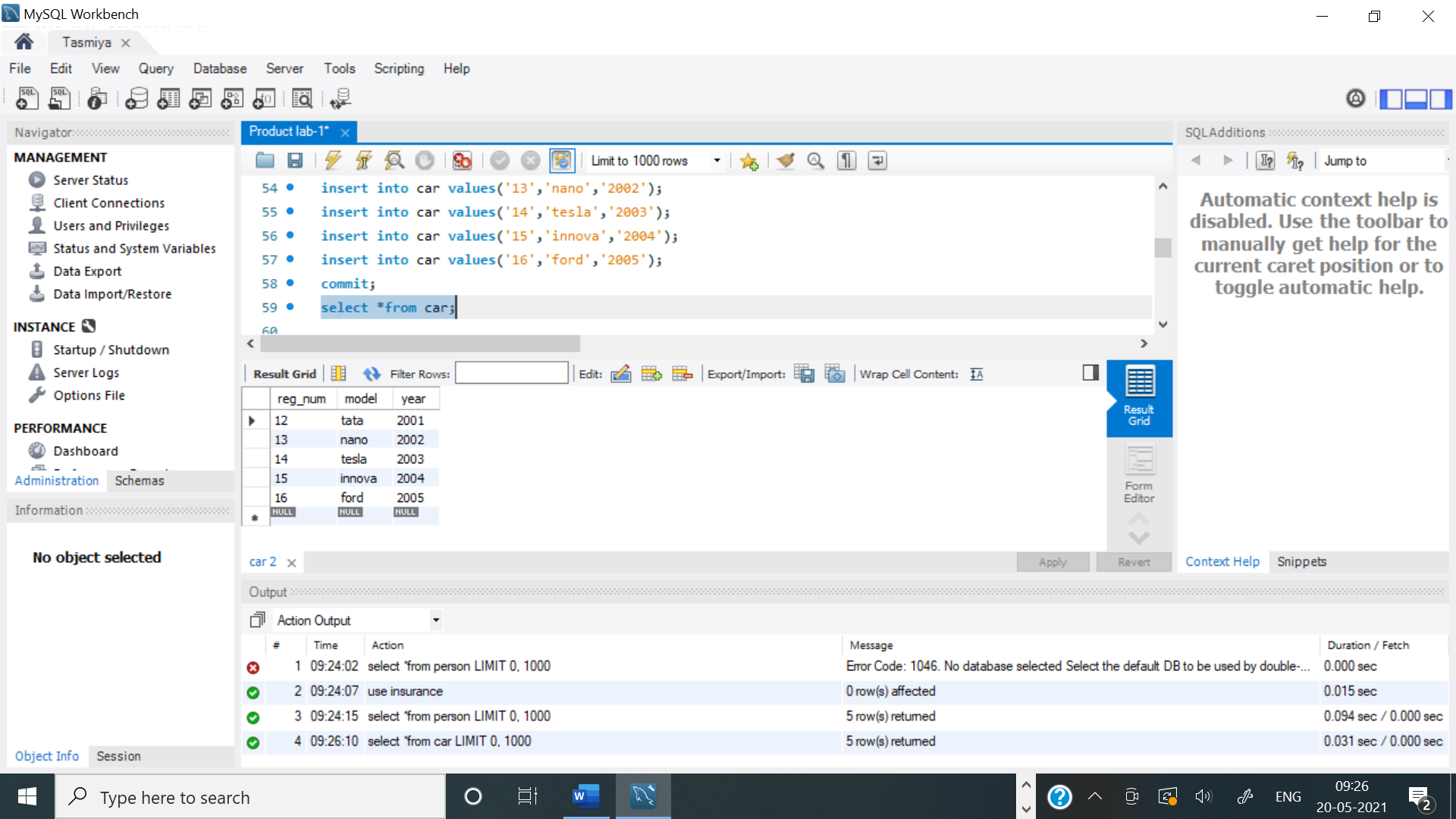
model='ford';

**Screenshots of queries;**

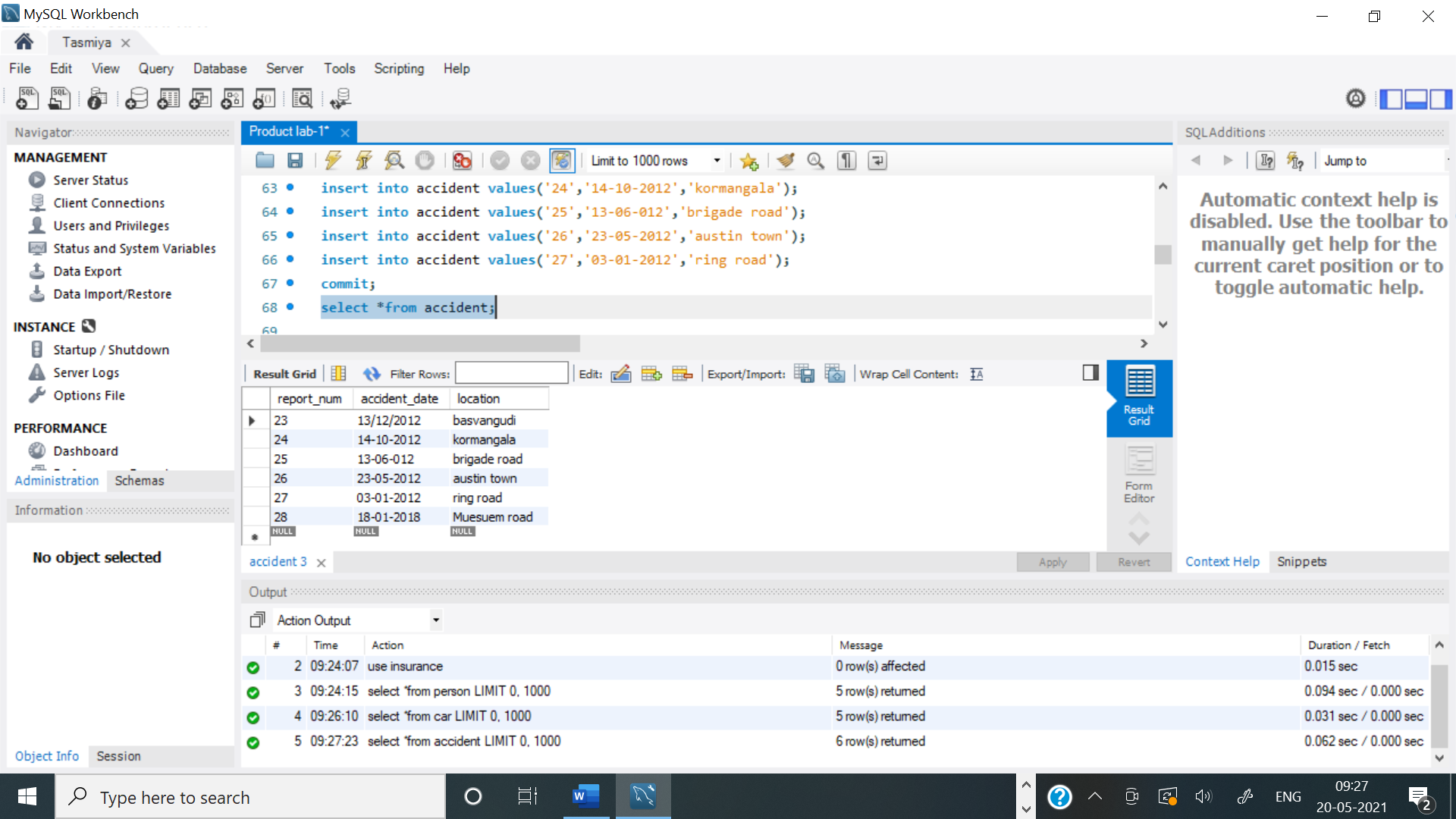
**TABLE PERSON:**

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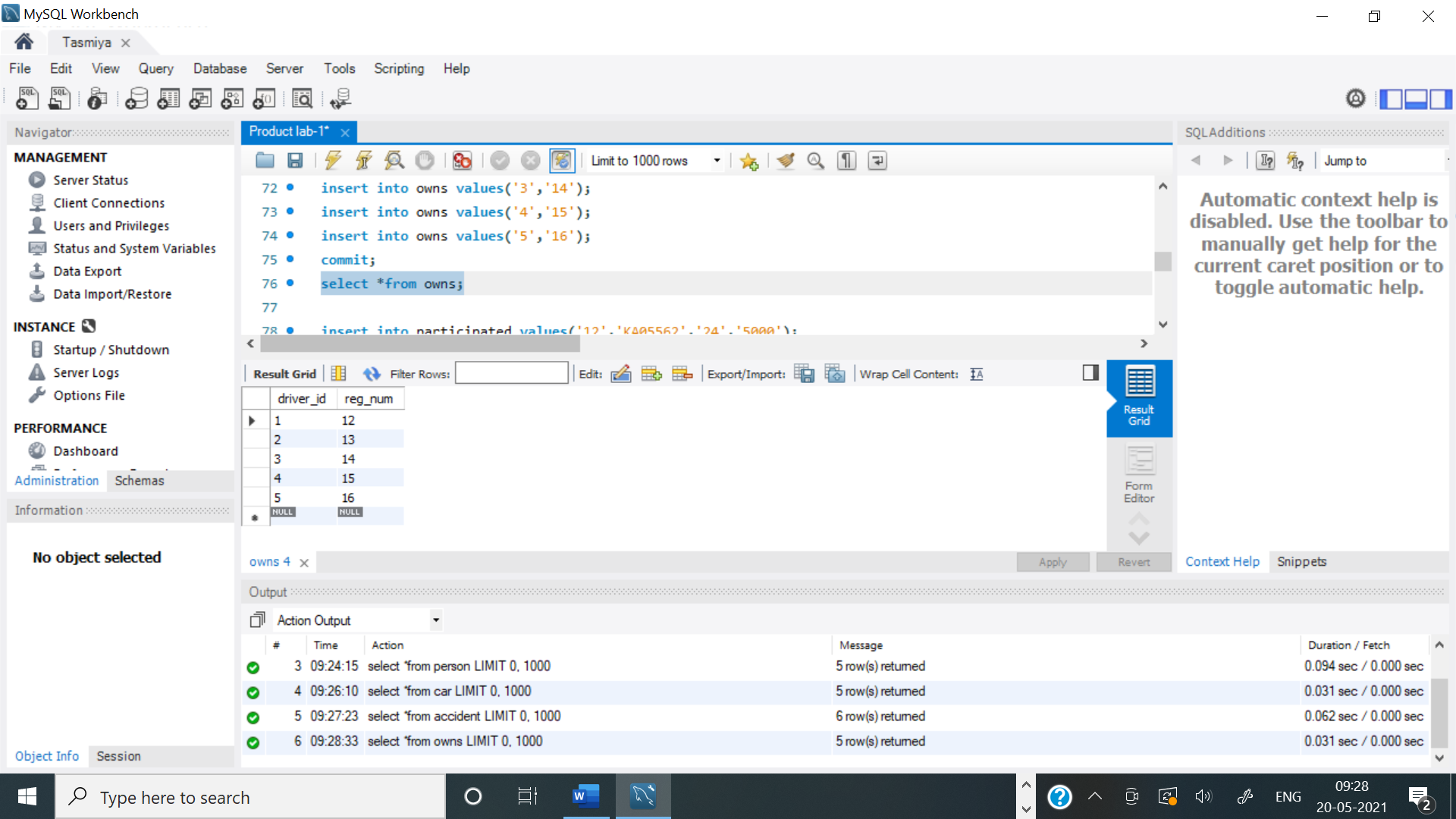
**TABLE CAR:**

****

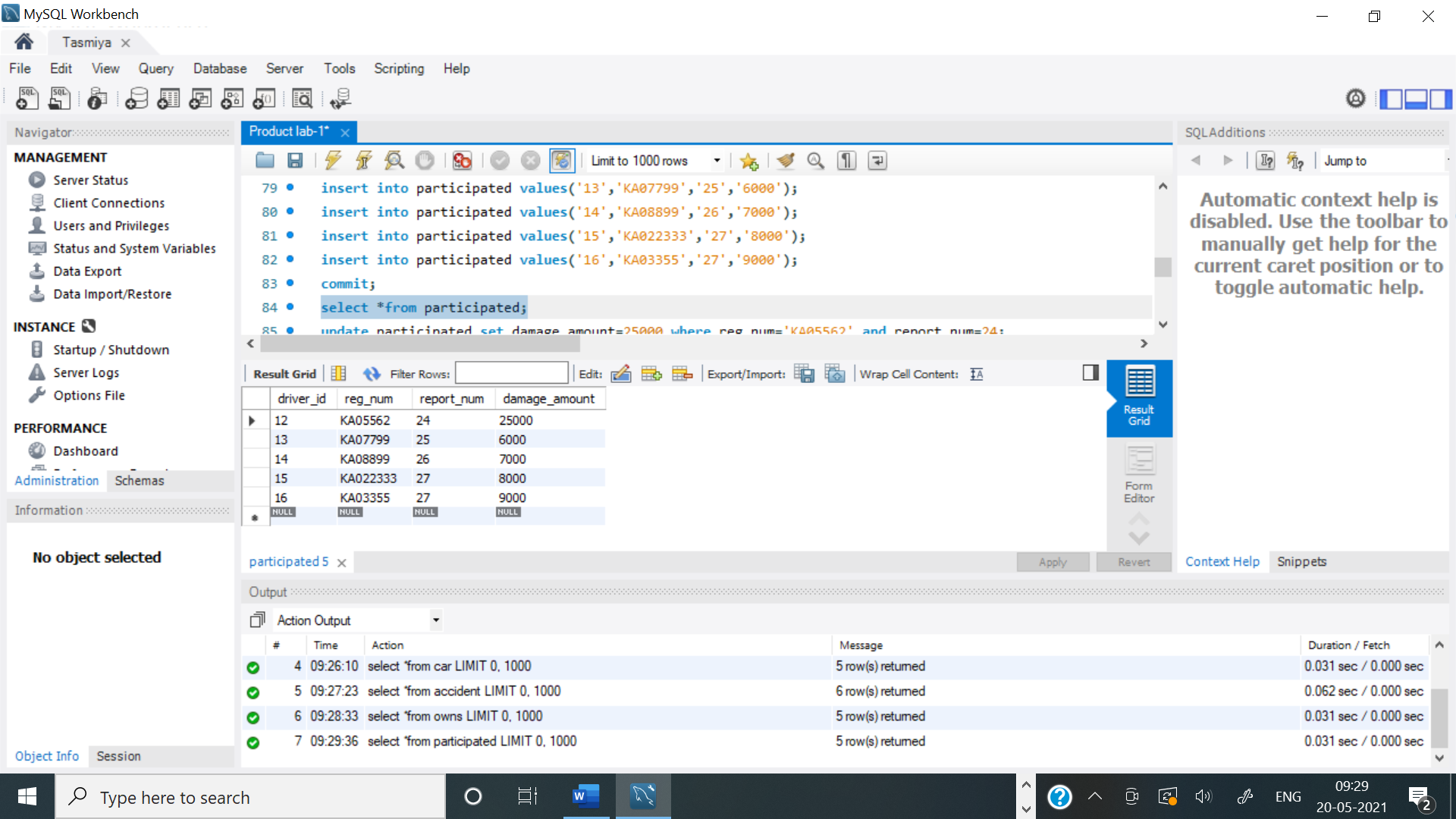
**TABLE ACCIDENT:**

****

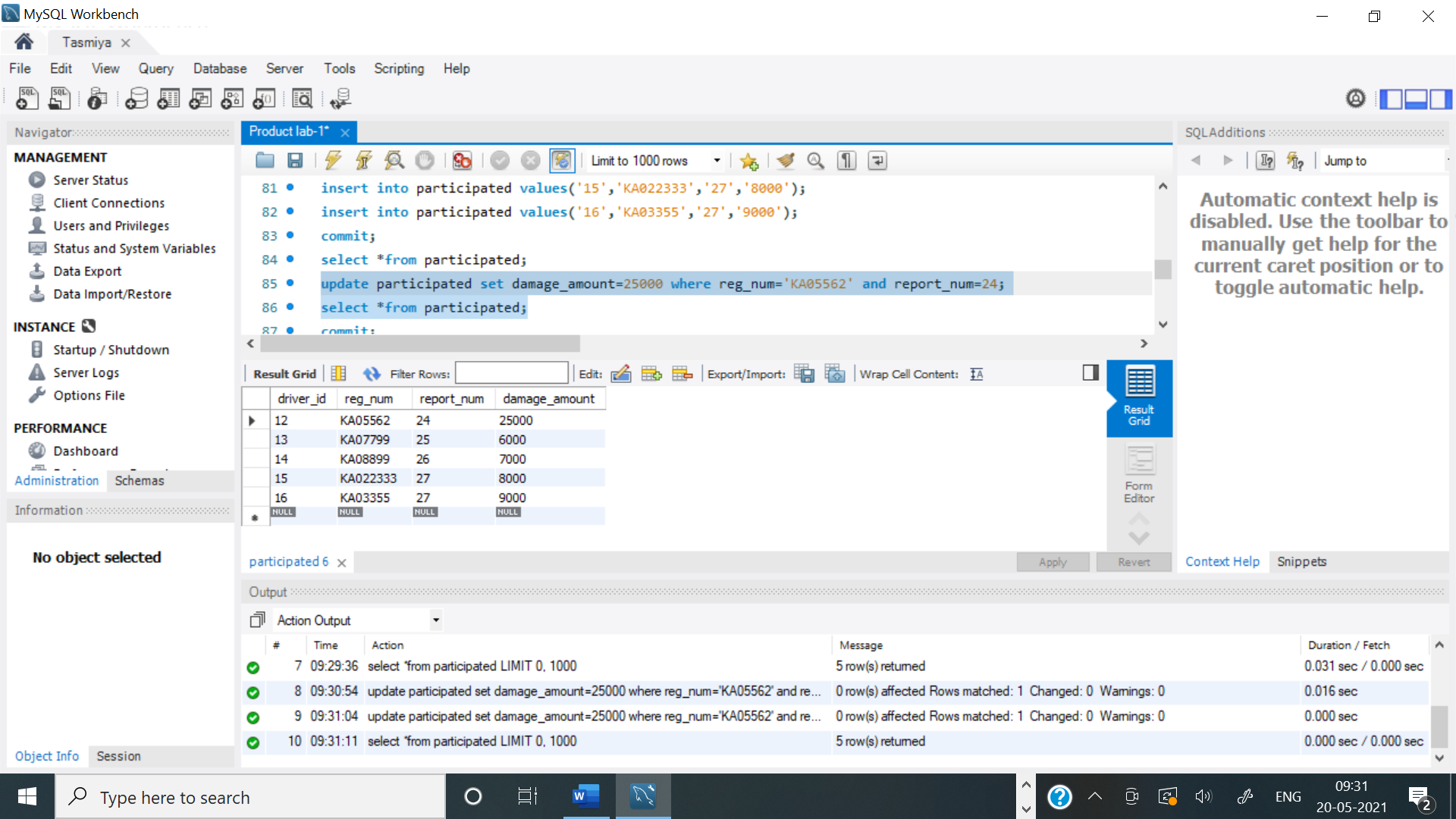
**TABLE OWNS:**

****

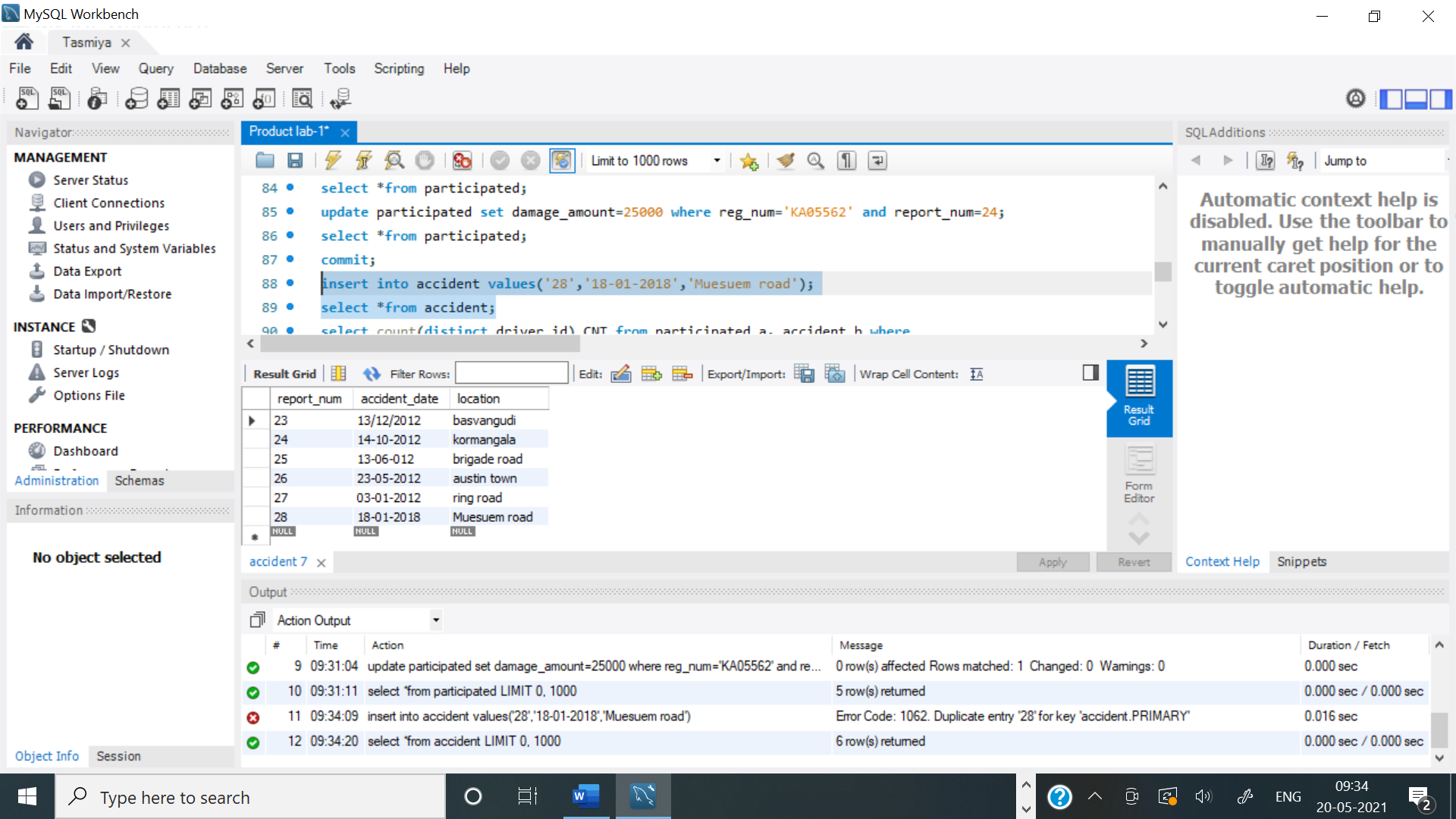
**TABLE PARTICIPATED:**

****

**QUERY 3 a:**



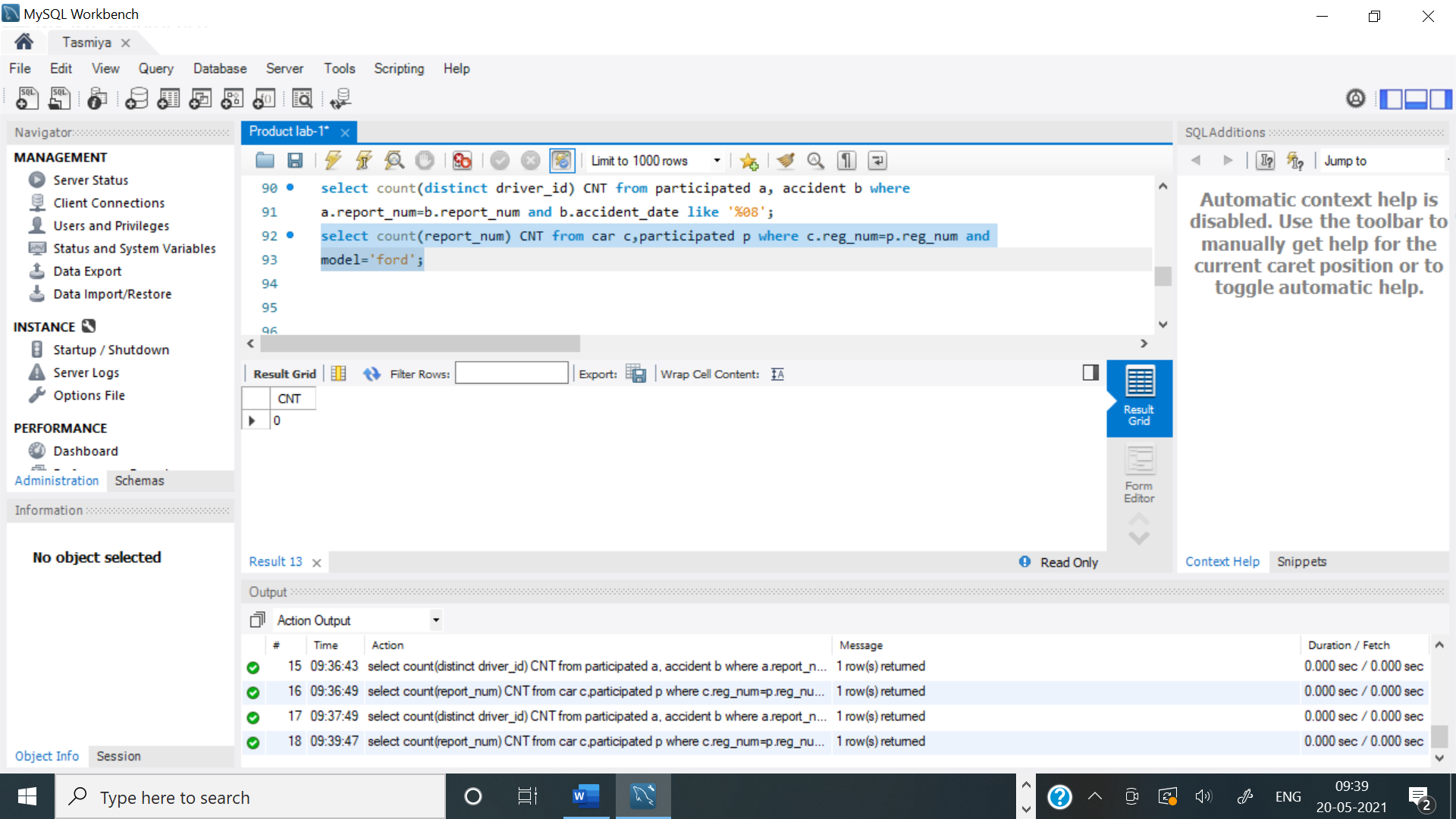
**QUERY 3b:**

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**QUERY 4:**

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**QUERY 5:**

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