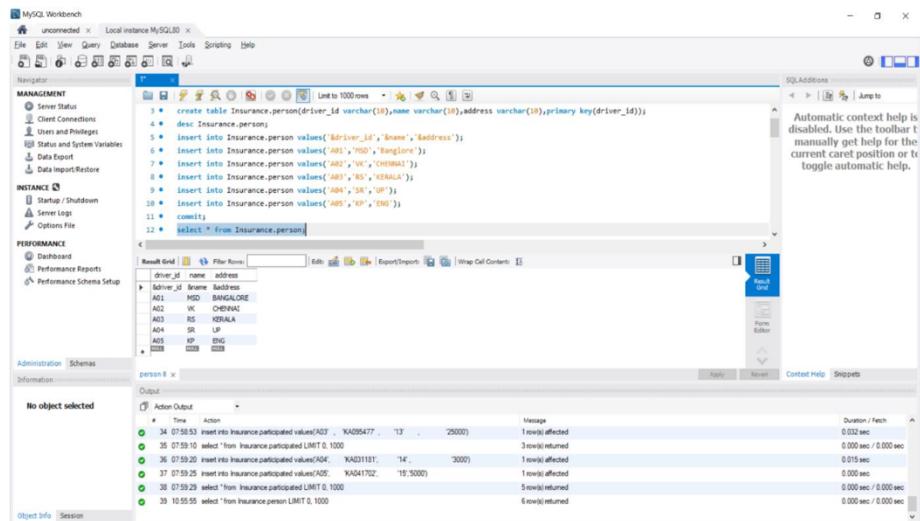


## PERSON

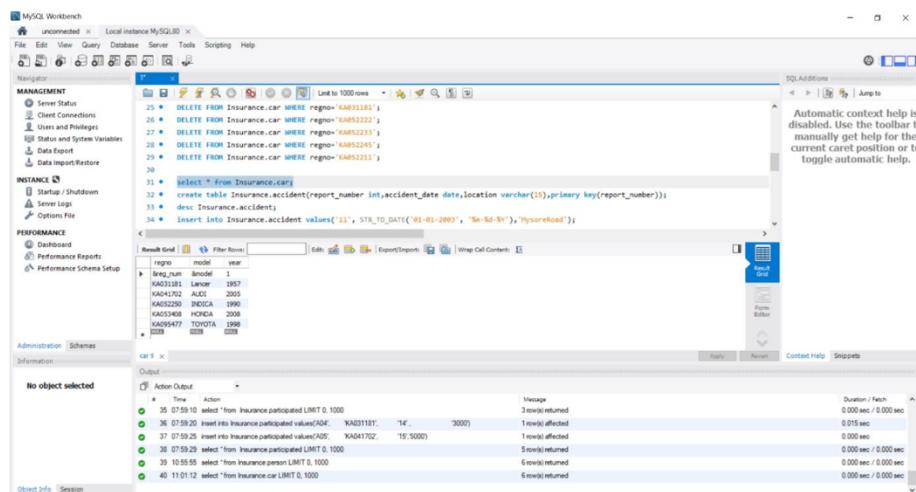
```
create database Insurance;  
use Insurance;  
  
create table Insurance.person(driver_id varchar(10),name varchar(10),address varchar(10),primary  
key(driver_id));  
  
desc Insurance.person;  
  
insert into Insurance.person values('&driver_id','&name','&address');  
  
insert into Insurance.person values('A01','MSD','Banglore');  
  
insert into Insurance.person values('A02','VK','CHENNAI');  
  
insert into Insurance.person values('A03','RS','KERALA');  
  
insert into Insurance.person values('A04','SR','UP');  
  
insert into Insurance.person values('A05','KP','ENG');  
  
commit;  
  
select * from Insurance.person;
```



## CAR :

```
create table Insurance.car(regno varchar(10),model varchar(10),year int,primary key(regno));
desc Insurance.car;

insert into Insurance.car values('&reg_num','&model','1');
insert into Insurance.car values('KA031181','Lancer', 1957);
insert into Insurance.car values('KA095477','TOYOTA', 1998);
insert into Insurance.car values('KA052250','INDICA', 1990);
insert into Insurance.car values('KA053408','HONDA', 2008);
insert into Insurance.car values('KA041702','AUDI', 2005);
commit;
select * from Insurance.car;
```



## **ACCIDENT**

```
create table Insurance.accident(report_number int,accident_date date,location varchar(15),primary key(report_number));

desc Insurance.accident;

insert into Insurance.accident values('11', STR_TO_DATE('01-01-2003', '%m-%d-%Y'), 'MysoreRoad');

insert into Insurance.accident values('12', STR_TO_DATE('02-02-2004', '%m-%d-%Y'), 'Southend');

insert into Insurance.accident values('13', STR_TO_DATE('06-01-2003', '%m-%d-%Y'), 'Bulltemple');

insert into Insurance.accident values('14', STR_TO_DATE('05-02-2008', '%m-%d-%Y'), 'Mysore');

insert into Insurance.accident values('15', STR_TO_DATE('04-03-2005', '%m-%d-%Y'), 'Kanakpura');

commit;

select * from Insurance.accident;
```

The screenshot shows the MySQL Workbench interface with the 'accident' table selected. The table has three columns: report\_number, accident\_date, and location. The data is as follows:

report_number	accident_date	location
11	2018-09-01	BRSIADE
12	2018-02-02	Southend
13	2003-06-01	Bulltemple
14	2008-05-02	Mysore
15	2005-04-03	Kanakpura

The SQL Editor tab shows the creation of the 'accident' table and the insertion of five rows. The Output tab displays the execution history of the queries.

Time	Action	Message	Duration / Fetch
07:59:20	Insert into Insurance.participated values(AD4, KA03318T, '14', '3000)	1 row(s) affected	0.015 sec
07:59:25	Insert into Insurance.participated values(AD2, KA04170Z, '15','5000)	1 row(s) affected	0.000 sec
07:59:29	select * from Insurance.participated LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
10:55:59	select * from Insurance.person LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
11:01:12	select * from Insurance.car LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
11:03:17	select * from Insurance.accident LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

## OWNS

```
create table Insurance.owns(driver_id varchar(10),regno varchar(10),primary
key(driver_id,regno),foreign key(driver_id) references person(driver_id),foreign key(regno)
references car(regno));

desc Insurance.owns;

insert into Insurance.owns values ('&driver_id','&reg_num');

insert into Insurance.owns values ('A01','KA052250');

insert into Insurance.owns values ('A02','KA053408');

insert into Insurance.owns values ('A04','KA031181');

insert into Insurance.owns values ('A03','KA095477');

insert into Insurance.owns values ('A05','KA041702');

commit;

select * from Insurance.owns;
```

The screenshot shows the MySQL Workbench interface with the following details:

- SQL Editor:** Contains the 52-line SQL script provided above.
- Results Grid:** Shows the data inserted into the Insurance.owns table:

driver_id	regno
A01	KA052250
A02	KA053408
A03	KA095477
A04	KA031181
A05	KA041702

- Output:** Displays the execution log with 42 entries, showing the time, action, message, and duration for each query.

## PARTICIPANTS

```
create table Insurance.participated(driver_id varchar(10),regno varchar(10),report_number
int,damage_amount int,primary key(driver_id,regno,report_number),foreign key(driver_id)
references person(driver_id),foreign key(regno) references car(regno),foreign key(report_number)
references accident(report_number);

desc Insurance.participated;

insert into Insurance.participated values('A01','KA052250',11,10000);

insert into Insurance.participated values('A02','KA053408',12,50000);

insert into Insurance.participated values('A03' , 'KA095477' , '13' , '25000');

insert into Insurance.participated values('A04' , 'KA031181' , '14' , '3000');

insert into Insurance.participated values('A05' , 'KA041702' , '15','5000');

select * from Insurance.participated;
```

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the database structure with tables like `Insurance`, `person`, and `car`.
- INSTANCE:** Shows the connection status to "Local instance MySQL80".
- PREFERENCES:** Shows options for the session.
- Result Grid:** Displays the data inserted into the `participated` table:

driver_id	regno	report_number	damage_amount
A01	KA052250	11	10000
A02	KA053408	12	50000
A03	KA095477	13	25000
A04	KA031181	14	3000
A05	KA041702	15	5000
1000	0000	0000	0000

- Output:** Shows the SQL statements run and their results:

  - Statements 33-38: Insertions into `participated` table.
  - Statement 39: Select query on `participated` table.
  - Statement 40: Description of the `car` table.

The output also includes execution times for each statement.

```

/* 3a */

update Insurance.participated
set damage_amount=25000
where report_number=12 and regno='A02';

/* 3b */

insert into Insurance.accident values('16', '2007-03-21','MysoreRoad');
insert into Insurance.participated values('A05', 'KA041702','16','5000');

```

The screenshot shows the MySQL Workbench interface with the following details:

- File Bar:** Local instance MySQL80 X
- Toolbar:** Standard MySQL Workbench toolbar.
- Navigator:** Shows the database structure under Local instance MySQL80.
- SQL Editor:**
  - Query 1 (highlighted):
 

```

54 • create table Insurance.participated(driver_id varchar(10),regno varchar(10),report_number int,damage_amount int,primary key(driver_id,regno,report_number));
55 • desc Insurance.participated
56 • insert into Insurance.participated values('A01','KA052290','11','10000');
57 • insert into Insurance.participated values('A02','KA053408','12','50000');
58 • insert into Insurance.participated values('A03','KA054477','13','28000');
59 • insert into Insurance.participated values('A04','KA051181','14','3000');
60 • insert into Insurance.participated values('A05','KA041702','15','5000');
61 • select * from Insurance.participated
62
63
64 /* 3a */

```
  - Query 2 (highlighted):
 

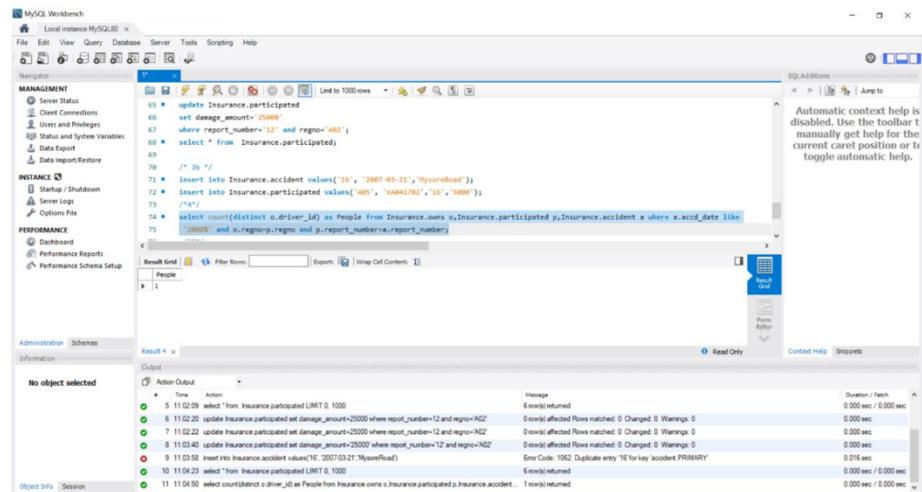
```

65 • update Insurance.participated set damage_amount=25000 where report_number=12 and regno='A02';
66 • select * from Insurance.participated

```
- Result Grid:** Displays the data from the Insurance.participated table, showing 5 rows.
- Action Output:** Shows the history of actions taken, including the update query and its execution details.

```
/*4*/
```

```
select count(distinct o.driver_id) as People from Insurance.owns o,Insurance.participated p,Insurance.accident a where a.accd_date like  
'2008%' and o.regno=p.regno and p.report_number=a.report_number;
```



The screenshot shows the MySQL Workbench interface with the following details:

- Query Editor:** Contains the SQL code provided above.
- Results Grid:** Shows the output of the query, resulting in a single row with the value "1".
- Output Tab:** Displays the execution log with 11 entries, showing the time, action, message, and duration for each statement.

Action	Time	Action	Message	Duration / Fetch
5 11:02:29	select * from Insurance.participated	LIMIT 0, 1000	6 rows(s) returned	0.000 sec / 0.000 sec
6 11:02:20	update Insurance.participated set damage_amount=25000 where report_number='12' and regno='AD2'		0 row(s) affected Rows matched: 0 Changed: 0 Warnings: 0	0.000 sec
7 11:02:22	update Insurance.participated set damage_amount=25000 where report_number='12' and regno='AD2'		0 row(s) affected Rows matched: 0 Changed: 0 Warnings: 0	0.000 sec
8 11:03:40	update Insurance.participated set damage_amount=25000 where report_number='12' and regno='AD2'		0 row(s) affected Rows matched: 0 Changed: 0 Warnings: 0	0.000 sec
9 11:03:58	insert into Insurance.accident values('16', '2007-03-21', 'MysoReRoad')		Error Code: 1062 Duplicate entry '16' for key 'accident.PRIMARY'	0.016 sec
10 11:04:23	select * from Insurance.participated	LIMIT 0, 1000	6 rows(s) returned	0.000 sec / 0.000 sec
11 11:04:50	select count(distinct o.driver_id) as People from Insurance.owns o,Insurance.participated p,Insurance.accident a where a.accd_date like '2008%' and o.regno=p.regno and p.report_number=a.report_number;		1 rows(s) returned	0.000 sec / 0.000 sec

```

/*5*/
use Insurance;
select count(*) as Totalcars from car c,participated p where c.regno=p.regno and c.model='TOYOTA';

```

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the database structure with nodes for MANAGEMENT, INSTANCE, and PERFORMANCE.
- SQL Editor:** Contains the following SQL code:

```

/*5*/
use Insurance;
select count(*) as Totalcars from car c,participated p where c.regno=p.regno and c.model='TOYOTA';

```
- Output:** Shows the results of the query:

Totalcars
1
- Action Output:** Displays the execution log with entries such as:
  - 8 11:03:40 update Insurance.participated set damage\_amount=25000 where report\_number='12' and regno='A02'
  - 9 11:03:58 insert into Insurance.accident values('16', '2007-03-21', 'MyselfRead')
  - 10 11:04:23 select \* from Insurance.participated LIMIT 0, 1000
  - 11 11:04:50 select count(d.driver\_id) as People from Insurance.oens o,Insurance.participated p,Insurance.accident a where a.accid\_date like '2008%' and o.regno=p.regno and p.report\_number=a.report\_number
  - 12 11:05:02 select count(\*) as Totalcars from car c,participated p where c.regno=p.regno and c.model='TOYOTA' LIMIT 0, 1000
  - 13 11:05:10 use Insurance
  - 14 11:05:10 select count(\*) as Totalcars from car c,participated p where c.regno=p.regno and c.model='TOYOTA' LIMIT 0, 1000