

SUSHMITHA Y V

1BM19CS165

## LAB PROGAM-1:INSURANCE

```
create database
Insurance;

show databases;

use Insurance;

show tables;

create table PERSON(driverid varchar(20),dname
varchar(20),address varchar(40),primary key(driverid));
desc PERSON;

create table CAR(regno varchar(10),model varchar(10),year int
,primary key(regno));
desc CAR;

create table ACCIDENT(report_no int,adate date,location
varchar(20),primary key(report_no));
desc ACCIDENT;

create table OWNS(driverid varchar(10),regno varchar(10),primary
key(driverid,regno),
foreign key(driverid) references PERSON(driverid) on delete
cascade,
foreign key(regno) references CAR(regno) on delete cascade);

CREATE TABLE PARTICIPATED(driverid varchar(10),regno
varchar(10),report_no int,
damage_amt float, foreign key (driverid,regno) references
OWNS(driverid,regno)
ON DELETE CASCADE,foreign key (REPORT_NO) references
ACCIDENT(REPORT_NO) ON DELETE CASCADE);
desc PARTICIPATED;
```

```

insert into PERSON values('1111','Ramu','K.S.LAYOUT');
commit;
select* FROM PERSON;
insert into PERSON values('2222','John','INDIRANAGAR');
insert into PERSON values('3333','Priya','JAYANAGAR');
insert into PERSON values('4444','Gopal','WHITEFIELD');
insert into PERSON values('5555','Latha','VIJAYNAGAR');
commit;
insert into CAR values('KA04Q2301','MARUTHI-DX', 2000);
insert into CAR values('KA05P1000', 'FORDICON', 2000);
insert into CAR values('KA03L1234',' ZEN-VXI',1999);
insert into CAR values('KA03L9999', 'MARUTHI-DX', 2002);
insert into CAR values('KA01P4020', 'INDICA-VX', 2002);
commit;
select * from CAR;

```

```

insert into ACCIDENT values(12,'2002-06-01', 'M G ROAD');
insert into ACCIDENT values(200, '2002-12-10', 'DOUBLEROAD');
insert into ACCIDENT values(300, '1999-07-23', 'M G ROAD');
insert into ACCIDENT values(25000, '2000-06-11', 'RESIDENCY
ROAD');
insert into ACCIDENT values(26500, '2001-10-16', 'RICHMOND
CIRCLE');
commit;
select * from ACCIDENT;

```

```

insert into OWNS values('1111','KA04Q2301');
insert into OWNS values('1111', 'KA05P1000');
insert into OWNS values('2222', 'KA03L1234');
insert into OWNS values('3333', 'KA03L9999');
insert into OWNS values('4444', 'KA01P4020');
commit;

```

```
select * from OWNS;
```

```
insert into PARTICIPATED values('1111', 'KA04Q2301', 12 ,20000);
```

```
insert into PARTICIPATED values('2222', 'KA03L1234', 200, 500);
```

```
insert into PARTICIPATED values('3333', 'KA03L9999', 300,  
10000);
```

```
insert into PARTICIPATED values('4444', 'KA01P4020', 25000  
,2375);
```

```
insert into PARTICIPATED values('1111', 'KA05P1000', 26500  
,70000);
```

```
UPDATE PARTICIPATED SET DAMAGE_AMT=25000 WHERE REPORT_NO =12 AND  
REGNO='KA04Q2301';
```

```
select * from PARTICIPATED;
```

```
select count(*) from ACCIDENT where Adate like '2002-__-__';
```

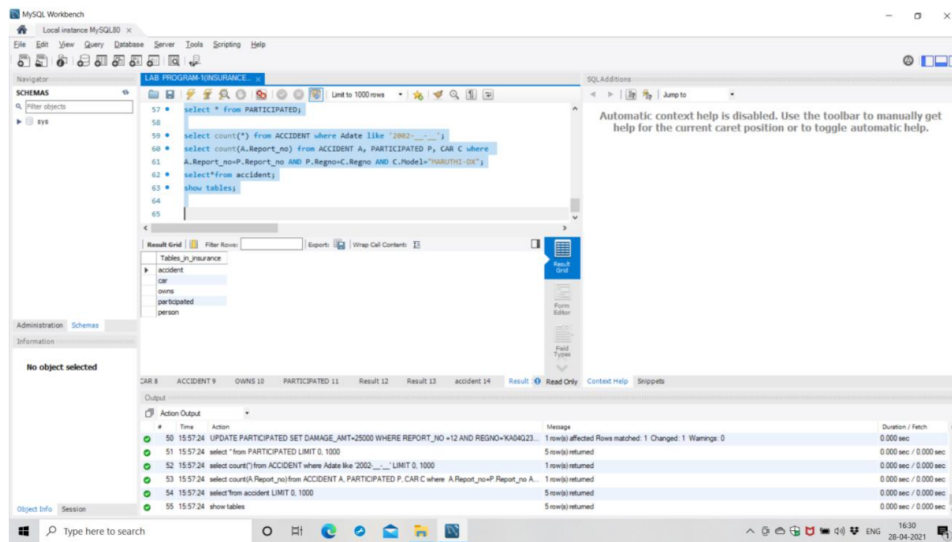
```
select count(A.Report_no) from ACCIDENT A, PARTICIPATED P, CAR C  
where
```

```
A.Report_no=P.Report_no AND P.Regno=C.Regno AND  
C.Model="MARUTHI-DX";
```

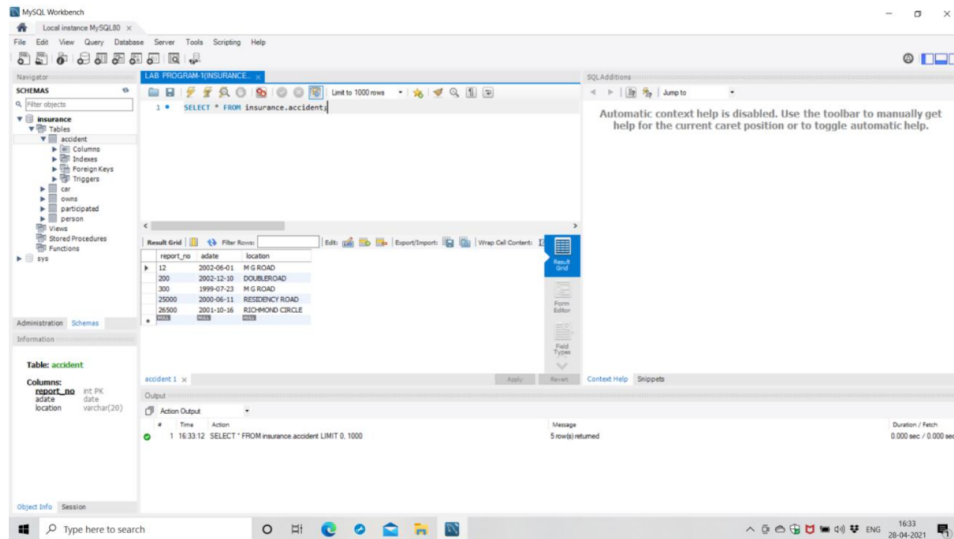
# PROGRAM-1

## INSURANCE-OUTPUT

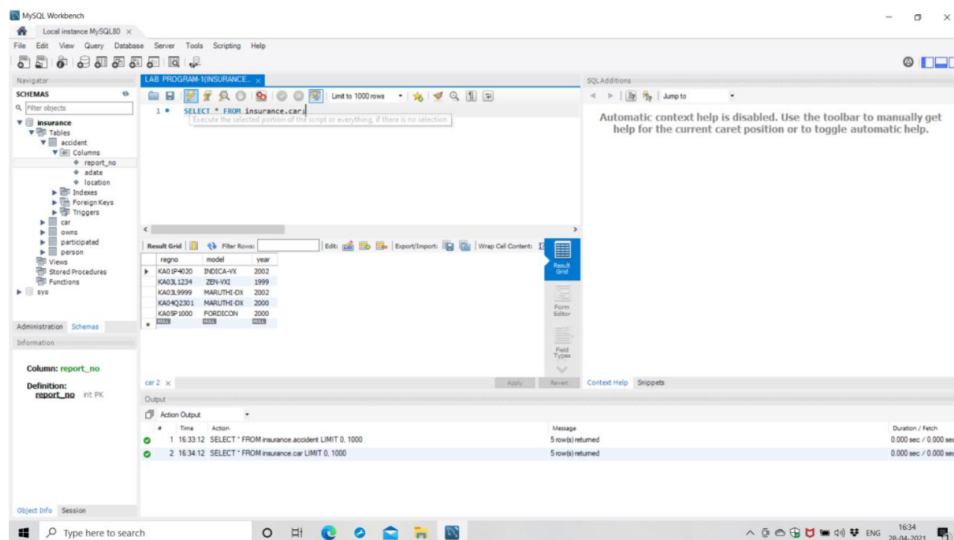
SHOW TABLES:



SELECT \* FROM insurance.accident;



SELECT \* FROM insurance.car;



**SELECT \* FROM insurance.owns;**

The screenshot shows the MySQL Workbench interface. The 'Schemas' pane on the left displays the 'insurance' database structure, including tables like 'accident', 'car', 'owns', and 'participated'. The 'Table: owns' is selected, showing its columns: 'drivord' (varchar(10) PK) and 'insid' (varchar(10) PK). The 'SQL Editor' pane contains the query 'SELECT \* FROM insurance.owns;'. The 'Output' pane shows the results of the query, which are 5 rows returned. The 'Action Output' pane shows the execution log, indicating that the query was executed successfully at 16:34:12.

drivord	insid
4444	KAO-P4020
2222	KAO-L1234
3333	KAO-L9999
1111	KAO-Q2301
1111	KAO-P1000

**SELECT \* FROM insurance.participated;**

The screenshot shows the MySQL Workbench interface. The 'Schemas' pane on the left displays the 'insurance' database structure, including tables like 'accident', 'car', 'owns', and 'participated'. The 'Table: participated' is selected, showing its columns: 'drivord' (varchar(10)), 'insid' (varchar(10)), 'report\_no' (int), and 'damage\_amt' (float). The 'SQL Editor' pane contains the query 'SELECT \* FROM insurance.participated;'. The 'Output' pane shows the results of the query, which are 5 rows returned. The 'Action Output' pane shows the execution log, indicating that the query was executed successfully at 16:35:25.

drivord	insid	report_no	damage_amt
1111	KAO-Q2301	12	25000
2222	KAO-L1234	200	500
3333	KAO-L9999	300	10000
4444	KAO-P4020	25000	2375
1111	KAO-P1000	26500	75000

SELECT \* FROM insurance.person;

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'Schemas' tree with 'insurance' expanded, showing tables like 'accident', 'car', 'owned', 'participated', and 'person'. The 'person' table is selected, and its structure is shown: columns 'drname' (varchar(20) PK), 'address' (varchar(40)), and 'address' (varchar(40)).

The central query editor contains the query: `SELECT * FROM insurance.person;`

The 'Results Grid' shows the query results with columns 'drname', 'address', and 'address'. The data is as follows:

drname	address	address
1111	Ram	K.S.LAYOUL
2222	John	INDRANAGAR
3333	Prasa	JAYANAGAR
4444	Sonal	WHITEFIELD
5555	Latha	VICAJNAGAR
6666	6666	6666

The 'Output' tab at the bottom shows the execution log with the following entries:

#	Time	Action	Message	Duration / Fetch
1	16:33:12	SELECT * FROM insurance.owned LIMIT 0, 1000	5 rows returned	0.000 sec / 0.000 sec
2	16:34:12	SELECT * FROM insurance.car LIMIT 0, 1000	5 rows returned	0.000 sec / 0.000 sec
3	16:34:51	SELECT * FROM insurance.owned LIMIT 0, 1000	5 rows returned	0.000 sec / 0.000 sec
4	16:35:20	SELECT * FROM insurance.participated LIMIT 0, 1000	5 rows returned	0.000 sec / 0.000 sec
5	16:35:50	SELECT * FROM insurance.person LIMIT 0, 1000	5 rows returned	0.000 sec / 0.000 sec