

```

create database INSURANCE_DATABASE;
show databases;
use insurance_database;
create table Person(
driver_id char(10) unique not null,
name varchar(100) not null,
address varchar(100) not null,
primary key (driver_id)
);
desc Person;
create table Car(
reg_num char(20) unique not null,
model varchar(20) not null,
year int not null,
primary key (reg_num)
);
desc Car;
create table Accident(
report_num int unique not null,
accident_date date not null,
location varchar(30) not null
);
desc Accident;
create table Owns(
driver_id char(10) unique not null,
reg_num char(20) unique not null,
primary key (driver_id),
foreign key (driver_id) references Person(driver_id),
foreign key (reg_num) references Car(reg_num)
);
desc Owns;
create table participated(
driver_id char(10) unique not null,
reg_num char(20) unique not null,
report_num int unique not null,
damage_amount int not null,
primary key (driver_id),
foreign key (driver_id) references Person(driver_id),
foreign key (reg_num) references Car(reg_num),
foreign key (report_num) references Accident(report_num)
);
desc participated;
insert into Person
values ('A01','Richard','Srinivas Nagar'),('A02','Pradeep','Rajaji Nagar'),('A03','Smith','Ashok Nagar'),('A04','Venu','N R Colony'),('A05','John','Hanumanth Nagar');
insert into Car

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values
('KA052250','Indica',1990),('KA031181','Lancer',1957),('KA095477','Toyota',1998),('KA05340
8','Honda',2008),('KA041702','Audi',2005);
insert into Owns
values
('A01','KA052250'),('A02','KA053408'),('A03','KA031181'),('A04','KA095477'),('A05','KA04170
2');
insert into Accident
values (11,'2003-01-01','Mysore Road'),(12,'2004-02-02','South end Circle'),(13,'2003-01-
21','Bull Temple Road'),(14,'2008-01-17','Mysore Road'),(15,'2005-03-04','Kanakpura Road');
insert into participated
values
('A01','KA052250',11,10000),('A02','KA053408',12,50000),('A03','KA095477',13,25000),('A04
','KA031181',14,3000),('A05','KA041702',15,5000);
desc Person;
select * from Person;
select * from Owns;
select * from Accident;
select * from Car;
select * from participated;

```

Query for selecting driver who met with accident on Mysore Road:

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select name from Accident,Person,participated where Person.driver_id = participated.driver_id
and participated.report_num = Accident.report_num and Accident.location = 'Mysore Road';

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Query for selecting the person with damage amount of rs: 50000:

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select name from Person,participated where Person.driver_id = participated.driver_id and
participated.damage_amount = 50000;

```

```

mysql> use INSURANCE_DATABASE;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from Person;
+-----+-----+-----+
| driver_id | name   | address      |
+-----+-----+-----+
| A01       | Richard | Srinivas Nagar |
| A02       | Pradeep | Rajaji Nagar  |
| A03       | Smith  | Ashok Nagar   |
| A04       | Venu   | N R Colony    |
| A05       | John   | Hanumanth Nagar |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from owns;
+-----+-----+
| driver_id | reg_num |
+-----+-----+
| A03       | KA031181 |
| A05       | KA041702 |
| A01       | KA052250 |
| A02       | KA053408 |
| A04       | KA095477 |
+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from Participated;
ERROR 1146 (42S02): Table 'insurance_database.participated' doesn't exist
mysql> select * from Participated;
ERROR 1146 (42S02): Table 'insurance_database.participated' doesn't exist
mysql> use INSURANCE_DATABASE;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT * FROM Participated;
ERROR 1146 (42S02): Table 'insurance_database.participated' doesn't exist
mysql> select * from participated;
+-----+-----+-----+-----+
| driver_id | reg_num | report_num | damage_amount |
+-----+-----+-----+-----+
| A01       | KA052250 | 11         | 10000         |
| A02       | KA053408 | 12         | 50000         |
| A03       | KA095477 | 13         | 25000         |
| A04       | KA031181 | 14         | 3000          |
| A05       | KA041702 | 15         | 5000          |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

5 rows in set (0.00 sec)

mysql> select * from Accident;
+-----+-----+-----+
| report_num | accident_date | location      |
+-----+-----+-----+
| 11         | 2003-01-01    | Mysore Road   |
| 12         | 2004-02-02    | South end Circle |
| 13         | 2003-01-21    | Bull Temple Road |
| 14         | 2008-01-17    | Mysore Road   |
| 15         | 2005-03-04    | Kanakpura Road |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select name from Person,Accident where Accident.location='Mysore Road' and Accident.report_num = participated.driver_id = Person.driver_id;
ERROR 1054 (42S22): Unknown column 'participated.driver_id' in 'where clause'
mysql> select name from Person,Accident where Accident.location = 'Mysore Road';
+-----+
| name |
+-----+
| Richard |
| Richard |
| Pradeep |
| Pradeep |
| Smith |
| Smith |
| Venu |
| Venu |
| John |
| John |
+-----+
10 rows in set (0.00 sec)

mysql> select name from Person,participated where Person.driver_id = participated.driver_id and participated.damage_amount = 50000;
+-----+
| name |
+-----+
| Pradeep |
+-----+
1 row in set (0.00 sec)

mysql> select name from Accident,Person,participated where Person.driver_id = participated.driver_id and participated.report_num = Accident.report_num and Accident.location = 'Mysore Road';
+-----+
| name |
+-----+
| Richard |
| Venu |
+-----+
2 rows in set (0.00 sec)

mysql>

```