```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| insurance          |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
5 rows in set (0.00 sec)

mysql> use insurance;
Database changed
mysql> CREATE TABLE PERSON(
    ->      driver_id varchar(20),
    ->      name varchar(20),
    ->      address varchar(20),
    ->      PRIMARY KEY(driver_id));
Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TABLE CAR(
    ->      reg_num varchar(20),
    ->      model varchar(20),
    ->      year int,
    ->      PRIMARY KEY(reg_num));
Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TABLE ACCIDENT(
    ->      report_num int,
    ->      accident_date date,
    ->      location varchar(20),
    ->      PRIMARY KEY(report_num));
Query OK, 0 rows affected (0.02 sec)

mysql> CREATE TABLE OWNS(
    ->      driver_id varchar(20),
    ->      reg_num varchar(20),
    ->      PRIMARY KEY(driver_id, reg_num),
    ->      FORIEGN KEY(driver_id) REFERENCES PERSON(driver_id),
    ->      FORIEGN KEY(reg_num) REFERENCES CAR(reg_num));
```

```
mysql> 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));
Query OK, 0 rows affected (0.03 sec)

mysql> 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 PERSON(driver_id),
    ->     FOREIGN KEY(reg_num) REFERENCES CAR(reg_num),
    ->     FOREIGN KEY(report_num) REFERENCES ACCIDENT(report_num));
Query OK, 0 rows affected (0.05 sec)

mysql> DESC PERSON;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| driver_id | varchar(20) | NO   | PRI | NULL    |       |
| name      | varchar(20) | YES  |     | NULL    |       |
| address   | varchar(20) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
3 rows in set (0.01 sec)

mysql> DESC CAR;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| reg_num | varchar(20) | NO   | PRI | NULL    |       |
| model   | varchar(20) | YES  |     | NULL    |       |
| year    | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> DESC ACCIDENT;
+----------------+----------------+------+-----+---------+-------+
```

```
mysql> DESC ACCIDENT;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| report_num    | int         | NO   | PRI | NULL    |       |
| accident_date | date        | YES  |     | NULL    |       |
| location      | varchar(20) | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> DESC OWNS;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| driver_id | varchar(20) | NO   | PRI | NULL    |       |
| reg_num   | varchar(20) | NO   | PRI | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
2 rows in set (0.00 sec)

mysql> DESC PARTICIPATED;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| driver_id     | varchar(20) | NO   | PRI | NULL    |       |
| reg_num       | varchar(20) | NO   | PRI | NULL    |       |
| report_num    | int         | NO   | PRI | NULL    |       |
| damage_amount | int         | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> INSERT INTO PERSON VALUES('A01', 'Richard', 'Srinivas nagar');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO PERSON VALUES('A02', 'Pradeep', 'Rajaji nagar');
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO PERSON VALUES('A03', 'Smith', 'Ashok nagar');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO PERSON VALUES('A03', 'Venu', 'N R Colony');
ERROR 1062 (23000): Duplicate entry 'A03' for key 'person.PRIMARY'
```

```
mysql> INSERT INTO PERSON VALUES('A04', 'Venu', 'N R Colony');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO PERSON VALUES('A05', 'Jhon', 'Hanumanth nagar');
Query OK, 1 row affected (0.00 sec)

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       | Jhon    | Hanumanth nagar  |
+-----------+---------+------------------+
5 rows in set (0.00 sec)

mysql> INSERT INTO CAR VALUES('KA052250','Indica',1990);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CAR VALUES('KA031181','Lancer',1957);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CAR VALUES('KA095477','Toyota',1998);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CAR VALUES('KA053408','Honda',2008);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CAR VALUES('KA041702','Audi',2005);
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM CAR;
+----------+--------+------+
| reg_num  | model  | year |
+----------+--------+------+
| KA031181 | Lancer | 1957 |
| KA041702 | Audi   | 2005 |
| KA052250 | Indica | 1990 |
| KA053408 | Honda  | 2008 |
```

```
mysql> SELECT * FROM CAR;
+----------+--------+------+
| reg_num  | model  | year |
+----------+--------+------+
| KA031181 | Lancer | 1957 |
| KA041702 | Audi   | 2005 |
| KA052250 | Indica | 1990 |
| KA053408 | Honda  | 2008 |
| KA095477 | Toyota | 1998 |
+----------+--------+------+
5 rows in set (0.00 sec)

mysql> INSERT INTO OWNS VALUES('A01','KA052250');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO OWNS VALUES('A02','KA053408');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO OWNS VALUES('A03','KA031181');
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO OWNS VALUES('A04','KA095477');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO OWNS VALUES('A05','KA041702');
Query OK, 1 row affected (0.01 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> INSERT INTO ACCIDENT VALUES(11, '2003-01-01', 'Mysore Road');
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO ACCIDENT VALUES(12, '2004-02-02', 'South end Circle');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO ACCIDENT VALUES(13, '2003-01-21', 'Bull temple Road');
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO ACCIDENT VALUES(14, '2008-02-17', 'Mysore Road');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO ACCIDENT VALUES(15, '2005-03-04', 'Kanakpura Road');
Query OK, 1 row affected (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 | 2008-02-17    | Mysore Road      |
|         15 | 2005-03-04    | Kanakpura Road   |
+------------+---------------+------------------+
5 rows in set (0.00 sec)

mysql> INSERT INTO PARTICIPATED VALUES('A01','KA052250',11 ,10000);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO PARTICIPATED VALUES('A02','KA053408',12 ,50000);
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO PARTICIPATED VALUES('A03','KA095477',13 ,25000);
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO PARTICIPATED VALUES('A04','KA031181',14 ,3000);
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO PARTICIPATED VALUES('A05','KA041702',15 ,5000);
Query OK, 1 row affected (0.01 sec)
```

```
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)

mysql> SELECT accident_date, location FROM ACCIDENT;
+---------------+------------------+
| accident_date | location         |
+---------------+------------------+
| 2003-01-01    | Mysore Road      |
| 2004-02-02    | South end Circle |
| 2003-01-21    | Bull temple Road |
| 2008-02-17    | Mysore Road      |
| 2005-03-04    | Kanakpura Road   |
+---------------+------------------+
5 rows in set (0.00 sec)
```

```
mysql> UPDATE PARTICIPATED
    -> SET damage_amount = 25000
    -> WHERE reg_num = 'KA053408' AND report_num = 12;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT * FROM PARTICIPATED;
+-----------+----------+------------+---------------+
| driver_id | reg_num  | report_num | damage_amount |
+-----------+----------+------------+---------------+
| A01       | KA052250 |         11 |         10000 |
| A02       | KA053408 |         12 |         25000 |
| A03       | KA095477 |         13 |         25000 |
| A04       | KA031181 |         14 |          3000 |
| A05       | KA041702 |         15 |          5000 |
+-----------+----------+------------+---------------+
5 rows in set (0.00 sec)

mysql> INSERT INTO ACCIDENT VALUES(16, '2008-03-08', 'Domlur');
Query OK, 1 row affected (0.01 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 | 2008-02-17    | Mysore Road      |
|         15 | 2005-03-04    | Kanakpura Road   |
|         16 | 2008-03-08    | Domlur           |
+------------+---------------+------------------+
6 rows in set (0.00 sec)

mysql> SELECT accident_date, location FROM ACCIDENT;
+---------------+------------------+
| accident_date | location         |
+---------------+------------------+
| 2003-01-01    | Mysore Road      |
| 2004-02-02    | South end Circle |
| 2003-01-21    | Bull temple Road |
```

```
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 | 2008-02-17    | Mysore Road       |
|         15 | 2005-03-04    | Kanakpura Road    |
|         16 | 2008-03-08    | Domlur            |
+------------+---------------+-------------------+
6 rows in set (0.00 sec)

mysql> SELECT accident_date, location FROM ACCIDENT;
+---------------+-------------------+
| accident_date | location          |
+---------------+-------------------+
| 2003-01-01    | Mysore Road       |
| 2004-02-02    | South end Circle  |
| 2003-01-21    | Bull temple Road  |
| 2008-02-17    | Mysore Road       |
| 2005-03-04    | Kanakpura Road    |
| 2008-03-08    | Domlur            |
+---------------+-------------------+
6 rows in set (0.00 sec)

mysql> SELECT driver_id FROM PARTICIPATED
    -> WHERE damage_amount >= 25000;
+-----------+
| driver_id |
+-----------+
| A02       |
| A03       |
+-----------+
2 rows in set (0.00 sec)

mysql>
```