CREATE DATABASE 1BM21CS064\_INSURANCE;

USE 1BM21CS064\_INSURANCE;

CREATE TABLE 1BM21CS064\_INSURANCE.PERSON(

DRIVER\_ID VARCHAR(10),

NAME VARCHAR(20),

ADRESS VARCHAR(20),

PRIMARY KEY(DRIVER\_ID));

CREATE TABLE 1BM21CS064\_INSURANCE.CAR(

REG\_NUM VARCHAR(10),

MODEL VARCHAR(20),

YEAR INT,

primary key(REG\_NUM)

);

CREATE TABLE 1BM21CS064\_INSURANCE.OWNS(

DRIVER\_ID VARCHAR(10),

REG\_NUM VARCHAR(10),

primary key(DRIVER\_ID,REG\_NUM),

foreign key(DRIVER\_ID) references 1bm21cs064\_insurance.person(DRIVER\_ID),

foreign key(REG\_NUM) REFERENCES 1bm21cs064\_insurance.car(REG\_NUM)

);

CREATE TABLE 1BM21CS064\_INSURANCE.ACCIDENT1(

REPORT\_NUM INT,

ACCIDENT\_DATE date,

LOCATION varchar(100),

primary key(REPORT\_NUM)

);

CREATE TABLE 1BM21CS064\_INSURANCE.PARICIPATED1(

DRIVER\_ID VARCHAR(10),

REG\_NUM VARCHAR(10),

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 ACCIDENT1(REPORT\_NUM)

);

INSERT INTO 1BM21CS064\_INSURANCE.ACCIDENT1 VALUES(11,'2003-01-01','Mysore Road');

INSERT INTO 1BM21CS064\_INSURANCE.ACCIDENT1 VALUES(12,'2004-02-02','South end circle');

INSERT INTO 1BM21CS064\_INSURANCE.ACCIDENT1 VALUES(13,'2003-01-21','Bull temple Road');

INSERT INTO 1BM21CS064\_INSURANCE.ACCIDENT1 VALUES(14,'2008-02-17','Mysore Road');

INSERT INTO 1BM21CS064\_INSURANCE.ACCIDENT1 VALUES(15,'2004-03-05','Kanakpur Road');

INSERT INTO 1BM21CS064\_INSURANCE.PERSON VALUES('A01','Richard','Srinivas nagar');

INSERT INTO 1BM21CS064\_INSURANCE.PERSON VALUES('A02','Pradeep','Rajiji nagar');

INSERT INTO 1BM21CS064\_INSURANCE.PERSON VALUES('A03','Smith','Ashok nagar');

INSERT INTO 1BM21CS064\_INSURANCE.PERSON VALUES('A04','Venu','N R colony');

INSERT INTO 1BM21CS064\_INSURANCE.PERSON VALUES('A05','Jhon','Hanumanthnagar');

INSERT INTO 1BM21CS064\_INSURANCE.CAR VALUES('KA052205','Indica',1990);

INSERT INTO 1BM21CS064\_INSURANCE.CAR VALUES('KA031181','Lancer',1957);

INSERT INTO 1BM21CS064\_INSURANCE.CAR VALUES('KA095477','Toyota',1998);

INSERT INTO 1BM21CS064\_INSURANCE.CAR VALUES('KA053408','Honda',2008);

INSERT INTO 1BM21CS064\_INSURANCE.CAR VALUES('KA041702','Audi',2005);

INSERT INTO 1BM21CS064\_INSURANCE.PARICIPATED1 VALUES('A01','KA052205',11,10000);

INSERT INTO 1BM21CS064\_INSURANCE.PARICIPATED1 VALUES('A02','KA053408',12,50000);

INSERT INTO 1BM21CS064\_INSURANCE.PARICIPATED1 VALUES('A03','KA095477',13,25000);

INSERT INTO 1BM21CS064\_INSURANCE.PARICIPATED1 VALUES('A04','KA031181',14,3000);

INSERT INTO 1BM21CS064\_INSURANCE.PARICIPATED1 VALUES('A05','KA041702',15,5000);

INSERT INTO 1BM21CS064\_INSURANCE.OWNS VALUES('A01','KA052205');

INSERT INTO 1BM21CS064\_INSURANCE.OWNS VALUES('A02','KA053408');

INSERT INTO 1BM21CS064\_INSURANCE.OWNS VALUES('A03','KA095477');

INSERT INTO 1BM21CS064\_INSURANCE.OWNS VALUES('A04','KA031181');

INSERT INTO 1BM21CS064\_INSURANCE.OWNS VALUES('A05','KA041702');

select \* FROM 1BM21CS064\_INSURANCE.PERSON;

select \* FROM 1BM21CS064\_INSURANCE.CAR;

select \* FROM 1BM21CS064\_INSURANCE.OWNS;

select \* FROM 1BM21CS064\_INSURANCE.ACCIDENT1;

select \* FROM 1BM21CS064\_INSURANCE.PARICIPATED1;

UPDATE 1BM21CS064\_INSURANCE.PARICIPATED1 set damage\_amount=25000

where reg\_num='KA053408' AND report\_num=12;

select count(distinct driver\_id) CNT

FROM 1BM21CS064\_INSURANCE.PARICIPATED1 a,1BM21CS064\_INSURANCE.ACCIDENT1 b

where a.report\_num and b.accident\_date like '2008%';

insert into 1BM21CS064\_INSURANCE.ACCIDENT1 values(16,'2008-03-08','domlur');

SELECT \* FROM 1BM21CS064\_INSURANCE.ACCIDENT1;

SELECT ACCIDENT\_DATE,LOCATION FROM 1BM21CS064\_INSURANCE.ACCIDENT1;

select DRIVER\_ID FROM 1BM21CS064\_INSURANCE.PARICIPATED1

WHERE DAMAGE\_AMOUNT>=25000;

SELECT \* FROM 1BM21CS064\_INSURANCE.PARICIPATED1 ORDER BY DAMAGE\_AMOUNT DESC;

SELECT AVG(DAMAGE\_AMOUNT) FROM 1BM21CS064\_INSURANCE.PARICIPATED1;

DELETE FROM PARICIPATED1

WHERE DAMAGE\_AMOUNT <(SELECT T.AVG1 FROM (SELECT AVG(DAMAGE\_AMOUNT) AS AVG1 FROM PARICIPATED1) T);

SELECT NAME FROM PERSON A , PARICIPATED1 B

WHERE A.DRIVER\_ID=B.DRIVER\_ID

AND DAMAGE\_AMOUNT>(SELECT AVG(DAMAGE\_AMOUNT) FROM PARICIPATED1);

SELECT MAX(DAMAGE\_AMOUNT) FROM 1BM21CS064\_INSURANCE.PARICIPATED1;

SELECT \* FROM CAR ORDER BY YEAR ASC;

SELECT COUNT(REPORT\_NUM)

FROM CAR C,PARICIPATED1 P

WHERE C.REG\_NUM=P.REG\_NUM AND C.MODEL='LANCER';

SELECT COUNT(DISTINCT DRIVER\_ID) CNT

FROM paricipated1 A, ACCIDENT1 B

WHERE A.REPORT\_NUM =B.REPORT\_NUM AND B.ACCIDENT\_DATE LIKE '\_\_08%';