CREATE TABLE PERSON

(

DRIVER\_ID VARCHAR2(10),

NAME VARCHAR2(20),

ADDRESS VARCHAR2(15),

PRIMARY KEY(DRIVER\_ID)

);

SELECT \* FROM PERSON;

CREATE TABLE CAR

(

REGNO VARCHAR2(10),

MODEL VARCHAR2(10),

YEAR NUMBER(4),

PRIMARY KEY(REGNO)

);

CREATE TABLE ACCIDENT

(

REPORT\_NO NUMBER(5),

ADATE DATE,

LOCATION VARCHAR2(15),

PRIMARY KEY(REPORT\_NO)

);

CREATE TABLE OWNS

(

DRIVER\_ID VARCHAR2(10),

REGNO VARCHAR2(10),

PRIMARY KEY(DRIVER\_ID,REGNO),

FOREIGN KEY(DRIVER\_ID) REFERENCES PERSON(DRIVER\_ID),

FOREIGN KEY(REGNO) REFERENCES CAR(REGNO)

);

CREATE TABLE PARTICIPATED

(

DRIVER\_ID VARCHAR2(10),

REGNO VARCHAR2(10),

REPORT\_NO NUMBER(5),

DAMAGE\_AMT NUMBER(7,2),

PRIMARY KEY(DRIVER\_ID,REGNO,REPORT\_NO),

FOREIGN KEY(DRIVER\_ID,REGNO) REFERENCES OWNS(DRIVER\_ID,REGNO) ON DELETE CASCADE,

FOREIGN KEY(REPORT\_NO) REFERENCES ACCIDENT(REPORT\_NO) ON

DELETE CASCADE

);

INSERT INTO PERSON VALUES

(1111,'RAMU','K.S.LAYOUT');

COMMIT;

INSERT INTO PERSON VALUES

(2222,'JOHN','INDIRANAGAR');

COMMIT;

INSERT INTO PERSON VALUES

(3333,'PRIYA','JAYANAGAR');

COMMIT;

INSERT INTO PERSON VALUES

(4444,'GOPAL','WHITEFIELD');

COMMIT;

INSERT INTO PERSON VALUES

(5555,'LATA','VIJAYANAGAR');

COMMIT;

DESC PERSON;

SELECT \* FROM PERSON;

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;

DESC CAR;

SELECT \* FROM CAR;

INSERT INTO ACCIDENT VALUES

(12,'01-JUN-02','M G ROAD');

INSERT INTO ACCIDENT VALUES

(200,'10-DEC-02','DOUBLEROAD');

INSERT INTO ACCIDENT VALUES

(300,'23-JUL-99','BAVASANAGUDI');

INSERT INTO ACCIDENT VALUES

(25000,'11-JUN-00','RESIDENCY ROAD');

INSERT INTO ACCIDENT VALUES

(26500,'16-OCT-01','RICHMOND ROAD');

COMMIT;

DESC ACCIDENT;

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;

DESC OWNS;

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);

DESC PARTICIPATED;

SELECT \* FROM PARTICIPATED;

iii)

a)

UPDATE PARTICIPATED SET DAMAGE\_AMT=25000 WHERE REPORT\_NO=12 AND REGNO='KA04Q2301';

SELECT \* FROM PARTICIPATED;

SELECT COUNT(\*) FROM ACCIDENT

WHERE ADATE LIKE '\_\_-\_\_\_-02';

COMMIT;

SELECT \* FROM ACCIDENT;

v) 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';