--1

CREATE TABLE PERSON

(

DRIVER\_ID VARCHAR2(10),

NAME VARCHAR2(20),

ADDRESS VARCHAR2(15),

PRIMARY KEY(DRIVER\_ID)

);

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

);

--2

INSERT INTO PERSON VALUES

('&DRIVER\_ID','&NAME','&ADDRESS');

SELECT \* FROM PERSON

INSERT INTO CAR VALUES

('&REGNO','&MODEL',&YEAR);

SELECT \* FROM CAR

INSERT INTO ACCIDENT VALUES

(&REPORT\_NO,'&ADATE','&LOCATION');

SELECT \* FROM ACCIDENT

INSERT INTO OWNS VALUES

('&DRIVER\_ID','&REGNO');

SELECT \* FROM OWNS

DELETE FROM OWNS WHERE DRIVER\_ID = '3433';

INSERT INTO PARTICIPATED VALUES

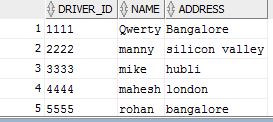
('&DRIVER\_ID','&REGNO','&REPORT\_NO',&DAMAGE\_AMT);

SELECT \* FROM PARTICIPATED

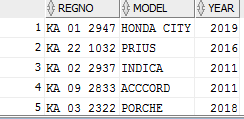
--3 VIEWING



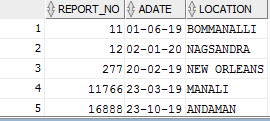
SELECT \* FROM PERSON



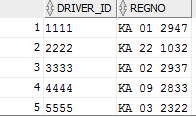
SELECT \* FROM CAR



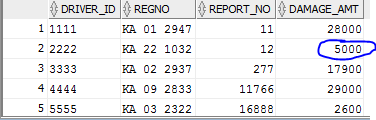
SELECT \* FROM ACCIDENT



SELECT \* FROM OWNS



SELECT \* FROM PARTICIPATED



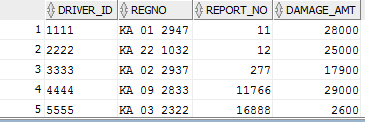
--4

UPDATE PARTICIPATED

SET DAMAGE\_AMT=25000

WHERE REPORT\_NO =12 AND REGNO='KA 22 1032';

SELECT \* FROM PARTICIPATED



--5

SELECT COUNT(\*) FROM ACCIDENT

WHERE ADATE LIKE '20-02-19';



--6

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='PORCHE';

