CREATE TABLE person (

driver\_id VARCHAR(10) PRIMARY KEY,

name VARCHAR(10),

address VARCHAR(10)

);

CREATE TABLE car (

regno VARCHAR(10) PRIMARY KEY,

model VARCHAR(10),

year\_car INT

);

CREATE TABLE accident (

report\_number INT PRIMARY KEY,

accd\_date DATE,

location VARCHAR(10)

);

CREATE TABLE owns (

driver\_id VARCHAR(10),

regno VARCHAR(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 VARCHAR(10),

regno VARCHAR(10),

report\_number INT,

damage\_amount INT,

PRIMARY KEY (driver\_id, regno, report\_number),

FOREIGN KEY (driver\_id) REFERENCES person(driver\_id),

FOREIGN KEY (regno) REFERENCES car(regno),

FOREIGN KEY (report\_number) REFERENCES accident(report\_number)

);

INSERT INTO person VALUES ('d0001', 'Shuja', 'Aligarh');

INSERT INTO person VALUES ('d0002', 'Yusuf', 'Aligarh');

INSERT INTO person VALUES ('d0003', 'Moaz', 'Aligarh');

INSERT INTO person VALUES ('d0004', 'Alkaram', 'Pilibhit');

INSERT INTO person VALUES ('d0005', 'Atiyab', 'Delhi');

INSERT INTO car VALUES ('RG1001', 'HONDA', 1999);

INSERT INTO car VALUES ('RG1002', 'AUDI', 2009);

INSERT INTO car VALUES ('RG1003', 'SUPRA', 2001);

INSERT INTO car VALUES ('RG1004', 'BOLERO', 1996);

INSERT INTO car VALUES ('RG1005', 'THAR', 2018);

INSERT INTO accident VALUES (12, TO\_DATE('2001-04-19', 'YYYY-MM-DD'), 'Pilibhit');

INSERT INTO accident VALUES (13, TO\_DATE('2008-07-18', 'YYYY-MM-DD'), 'Bareilly');

INSERT INTO accident VALUES (14, TO\_DATE('2010-08-16', 'YYYY-MM-DD'), 'Aligarh');

INSERT INTO accident VALUES (15, TO\_DATE('2008-03-10', 'YYYY-MM-DD'), 'Aligarh');

INSERT INTO accident VALUES (16, TO\_DATE('2010-05-11', 'YYYY-MM-DD'), 'Pilibhit');

INSERT INTO owns VALUES ('d0001', 'RG1001');

INSERT INTO owns VALUES ('d0002', 'RG1002');

INSERT INTO owns VALUES ('d0003', 'RG1003');

INSERT INTO owns VALUES ('d0004', 'RG1004');

INSERT INTO owns VALUES ('d0005', 'RG1005');

INSERT INTO participated VALUES ('d0001', 'RG1001', 13, 50000);

INSERT INTO participated VALUES ('d0002', 'RG1002', 14, 90000);

INSERT INTO participated VALUES ('d0003', 'RG1003', 15, 100000);

INSERT INTO participated VALUES ('d0004', 'RG1004', 16, 120000);

INSERT INTO participated VALUES ('d0005', 'RG1005', 12, 40000);

SELECT \* FROM person;

SELECT \* FROM car;

SELECT \* FROM accident;

SELECT \* FROM owns;

SELECT \* FROM participated;

SELECT \* FROM participated;

UPDATE participated

SET damage\_amount = 25000

WHERE regno = 'RG1005' AND report\_number = 12;

SELECT \* FROM participated;

SELECT \* FROM accident;

INSERT INTO accident (report\_number, accd\_date, location) VALUES (18, TO\_DATE('2023-10-22', 'YYYY-MM-DD'), 'Pilibhit');

SELECT \* FROM accident;

SELECT COUNT(DISTINCT p.driver\_id) AS total\_people

FROM person p

JOIN owns o ON p.driver\_id = o.driver\_id

JOIN participated pa ON o.regno = pa.regno

JOIN accident a ON pa.report\_number = a.report\_number

WHERE TO\_CHAR(a.accd\_date, 'YYYY') = '2008';

SELECT DISTINCT p.driver\_id, p.name, p.address

FROM person p

JOIN owns o ON p.driver\_id = o.driver\_id

JOIN participated pa ON o.regno = pa.regno

JOIN accident a ON pa.report\_number = a.report\_number

WHERE TO\_CHAR(a.accd\_date, 'YYYY') = '2008';