WEEK 1-Insurance Database

Q) PERSON (driver_id: String, name: String, address: String)

CAR (reg_num: String, model: String, year: int)

ACCIDENT (report_num: int, accident_date: date, location: String)

OWNS (driver_id: String, reg_num: String)

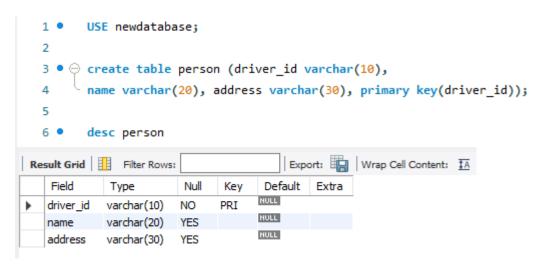
PARTICIPATED (driver_id: String,reg_num: String, report_num: int, damage_amount: int)

- Create the above tables by properly specifying the primary keys and the foreign keys.
- Enter at least five tuples for each relation
- Display Accident date and location
- Update the damage amount to 25000 for the car with a specific reg_num (example 'K A053408') for which the accident report number was 12.
- Add a new accident to the database.

To Do

- Display Accident date and location
- Display driver id who did accident with damage amount greater than or equal to Rs.25000

SQL: -



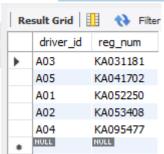
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7
 8 🗷
       create table car(reg_num varchar(10), model varchar(10), year int, primary key(reg_num));
 9
10 • ⊖ create table accident(report num int, accident date date, location
      varchar(20),primary key(report_num));
11
12
13 • ⊖ create table owns(driver_id varchar(10), reg_num varchar(10),
14
       primary key(driver_id, reg_num),
15
       foreign key(driver_id) references person(driver_id),
      foreign key(reg_num) references car(reg_num));
16
17
report_num int, damage_amount int,
19
       primary key(driver_id, reg_num, report_num),
20
21
       foreign key(driver_id) references person(driver_id),
       foreign key(reg_num) references car(reg_num),
22
23
      foreign key(report_num) references accident(report_num));
24
25 •
       INSERT into accident values (11, '2003-01-01', "Mysore Road");
       INSERT into accident values (12, '2004-02-02', "South end Circle");
26 •
27 •
       insert into accident values (13,'2003-01-21',"Bull temple Road");
       insert into accident values (14,'2008-02-17',"Mysore Road");
28 •
29 •
       insert into accident values (15,'2004-03-05',"Kanakpura Road");
       Select * from accident:
30 •
31
report_num
              accident_date | location
   11
              2003-01-01
                           Mysore Road
   12
                           South end Circle
              2004-02-02
   13
              2003-01-21
                           Bull temple Road
              2008-02-17
   14
                          Mysore Road
   15
              2004-03-05
                           Kanakpura Road
   NULL
.
       INSERT into car values("KA052250","Indica",1990);
32 •
       INSERT into car values("KA031181","Lancer",1957);
33 •
       INSERT into car values("KA095477","Toyota",1998);
34 •
       INSERT into car values("KA053408","Honda",2008);
35 •
       INSERT into car values("KA041702", "Audi", 2005);
36 •
       Select * from car;
37 •
38
```



INSERT into person values("A02", "Pradeep", "Rajaji nagar"); INSERT into person values("A03", "Smith", "Ashok nagar"); INSERT into person values("A04","Venu","N R Colony"); INSERT into person values("A05","Jhon","Hanumanth nagar"); 43 • 44 • Select * from person; 45

Result Grid Filter Rows: driver_id name address Richard A01 Srinivas nagar A02 Pradeep Rajaji nagar A03 Smith Ashok nagar A04 Venu N R Colony A05 Jhon Hanumanth nagar NULL NULL .

- INSERT into owns values("A01","KA052250"); 46 •
- 47 INSERT into owns values("A02", "KA053408");
- INSERT into owns values("A03","KA031181"); 48 •
- INSERT into owns values("A04","KA095477"); 49 •
- INSERT into owns values("A05", "KA041702"); 50 •
- Select * from owns; 51 •



- INSERT into participated values("A01","KA052250",11,10000); 53 •
- INSERT into participated values("A02","KA053408",12,50000); 54 •
- 55 INSERT into participated values("A03","KA095477",13,25000);
- INSERT into participated values("A04","KA031181",14,3000); 56 •
- INSERT into participated values("A05","KA041702",15,5000); 57 •
- select * from participated; 58 •

