**Name:Vasavi S Puranik**

**USN:1BM24CS320**

**Batch:K2**

**Insurance database.**

**1.PERSON (driver\_id: String, name: String, address: String)**

**CAR (reg\_num: String, model: String, year: int)**

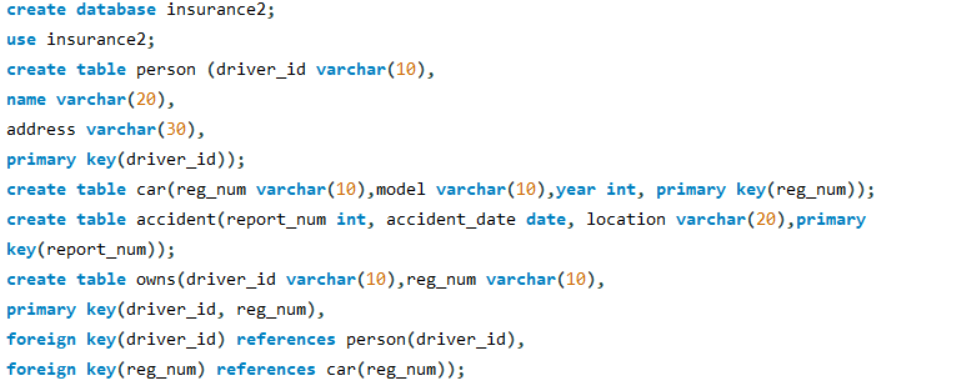
**ACCIDENT (report\_num: int, accident\_date: date, location: String)**

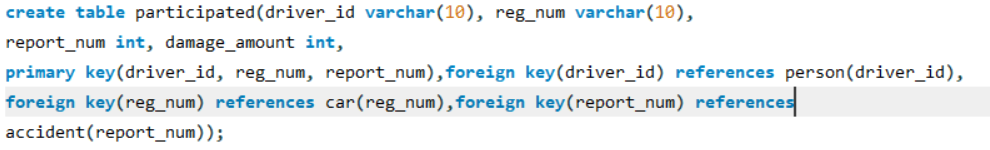
**OWNS (driver\_id: String, reg\_num: String)**

**PARTICIPATED (driver\_id: String,reg\_num: String, report\_num: int, damage\_amount: int)**

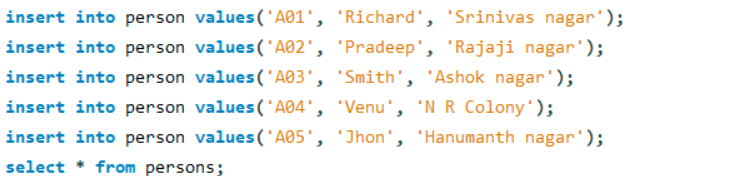
**Create the above tables by properly specifying the primary keys and the foreign**

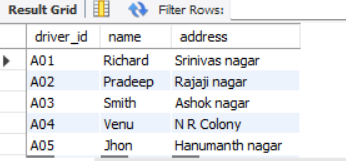
**keys.**

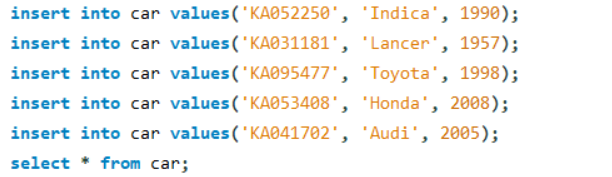


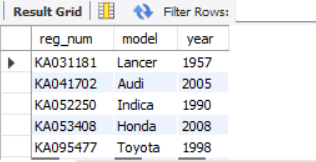


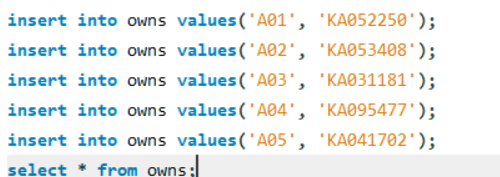
**2.Enter at least five tuples for each relation.**

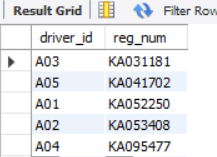


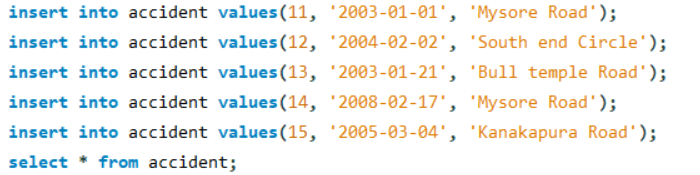


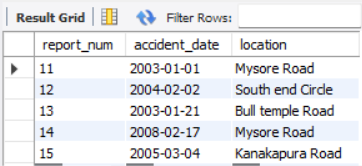


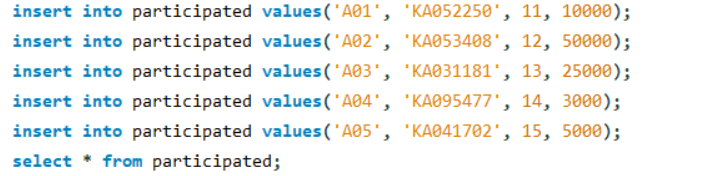


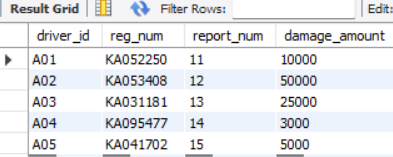






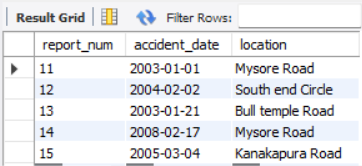






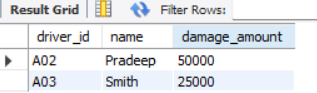
**3. Show all accidents (date and location)**



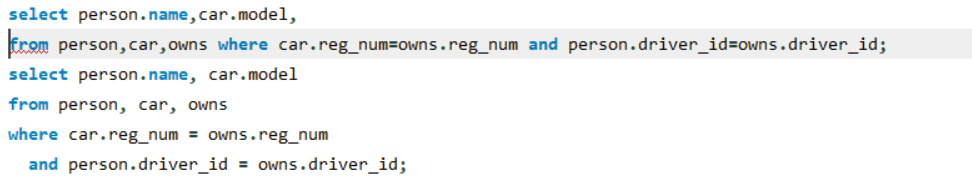


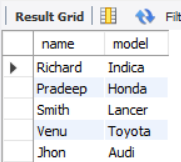
**4. Find drivers who caused damage ≥ 25000**



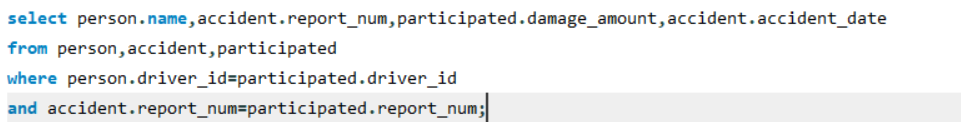


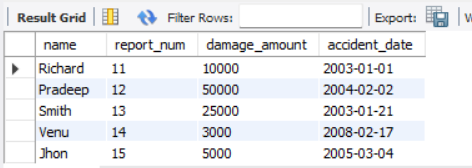
**5. List each driver with the cars they own (one row per ownership)**





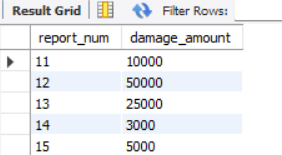
**6. Show accidents and the drivers involved (including damage amount)**



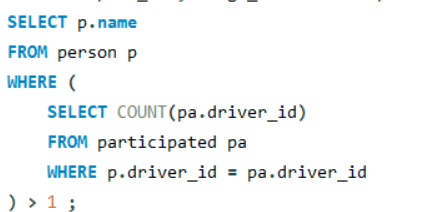


**7. Total damage per accident report**



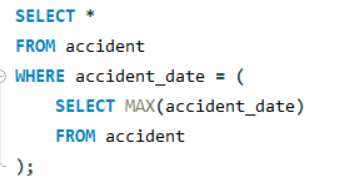


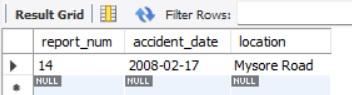
**8. Drivers who were involved in more than one accident**



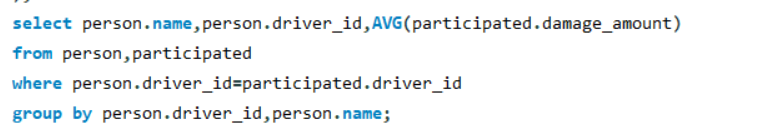


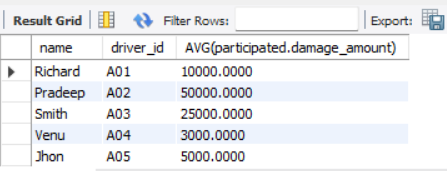
**9. Latest accident (most recent accident\_date)**





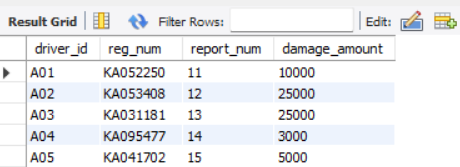
**10. Average damage amount per driver**



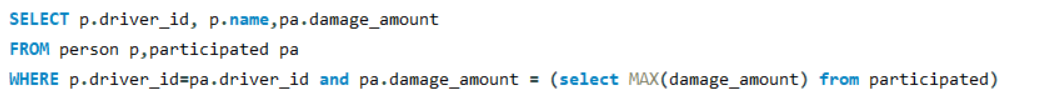


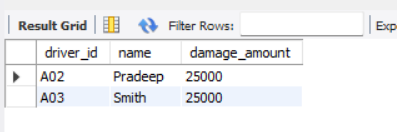
**11. Update: set damage\_amount = 25000 for a specific car & report (example)**



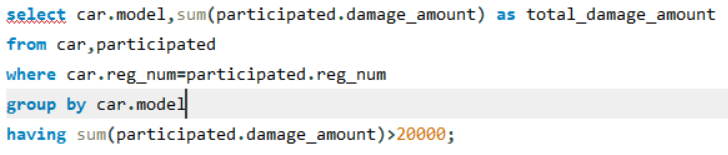


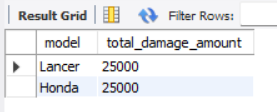
**12. Find drivers who caused the maximum damage in any single accident**





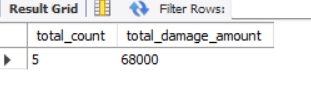
**13. Show cars (model) involved in accidents with total damage > 20000**





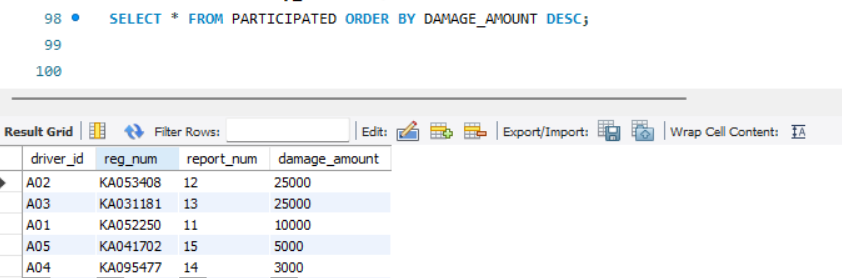
**14. Create a view summarizing accidents with participants count and total damage**





**Additional Queries**

**1.LIST THE ENTIRE PARTICIPATED RELATION IN THE DESCENDING ORDER OF DAMAGE AMOUNT.**



**2.LIST THE NAME OF DRIVERS WHOSE DAMAGE IS GREATER THAN THE AVERAGE DAMAGE AMOUNT.**

