# **PROGRAM 1**

Consider the Insurance database given below. The primary keys are underlined and the data types are specified.

PERSON (driver-id #: String, name: String, address: String)

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

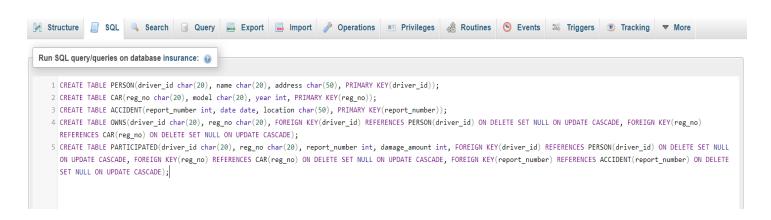
**ACCIDENT** (report-number: int, date: date, location: String)

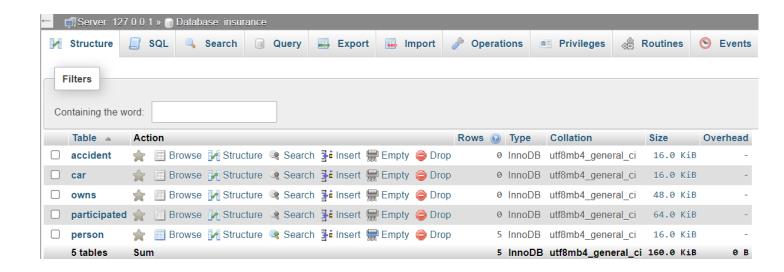
OWNS (driver-id #: String, Regno: String)

PARTICIPATED (driver-id: String, regno: String, report-number: int, damage-amount:

int)

1) Create the above tables by properly specifying the primary keys and the foreign keys.





### 2) Enter at least 5 tuples for each relation.

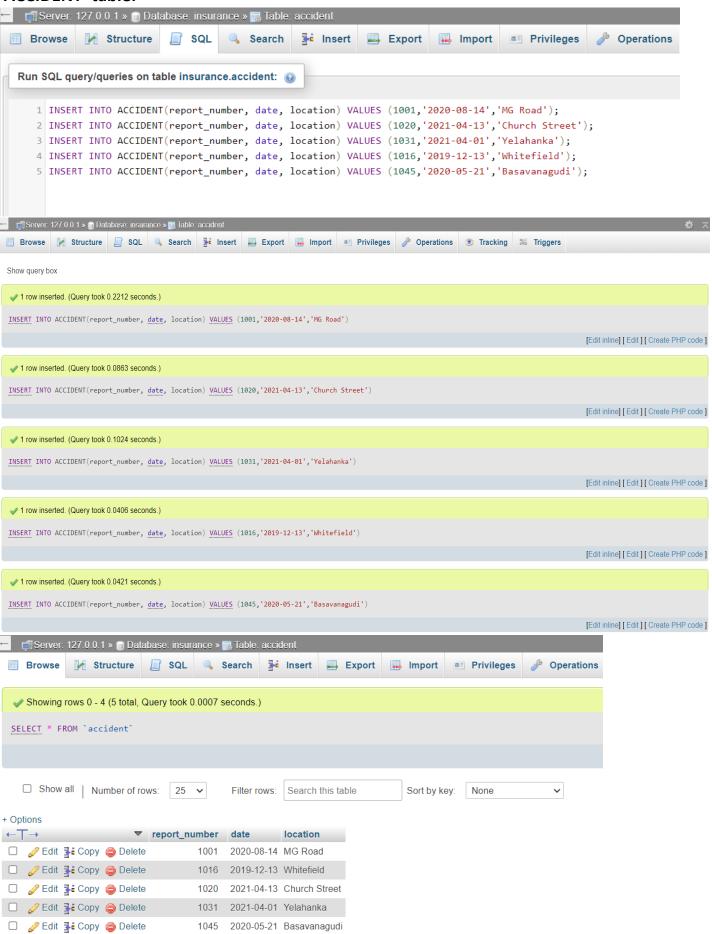
#### 'PERSON' table:



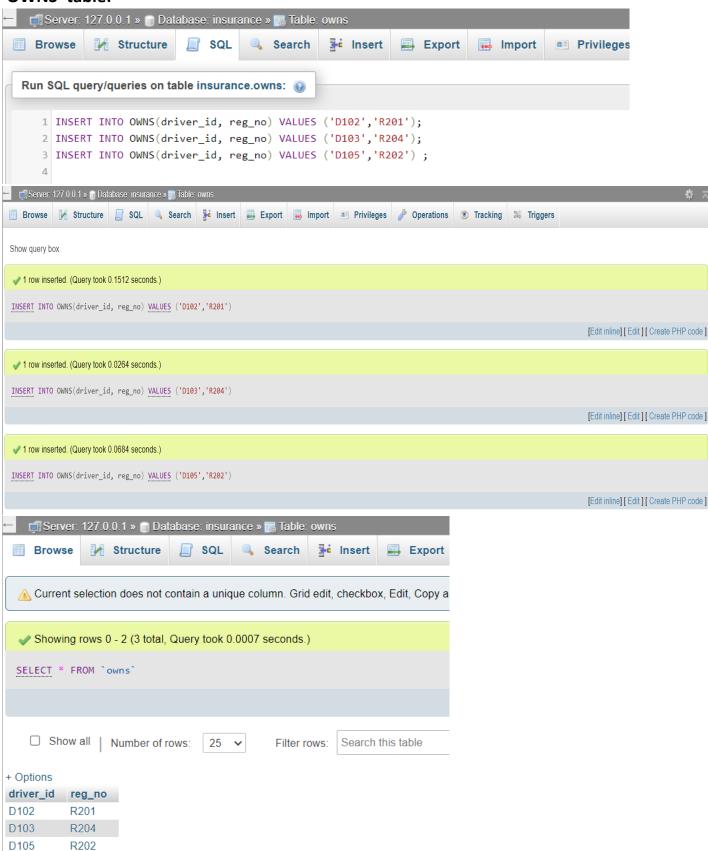
### 'CAR' table:



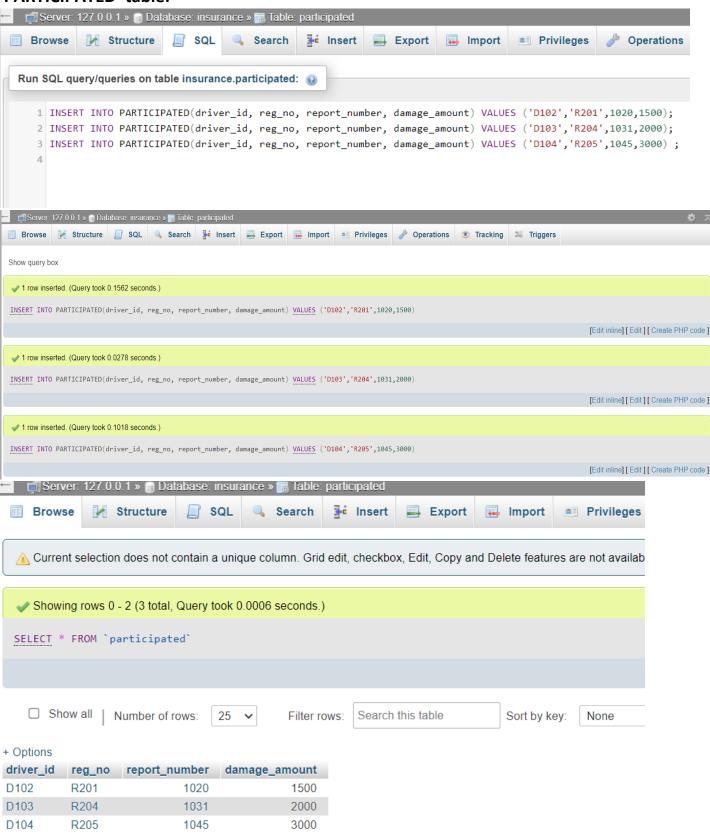
## 'ACCIDENT' table:



## 'OWNS' table:

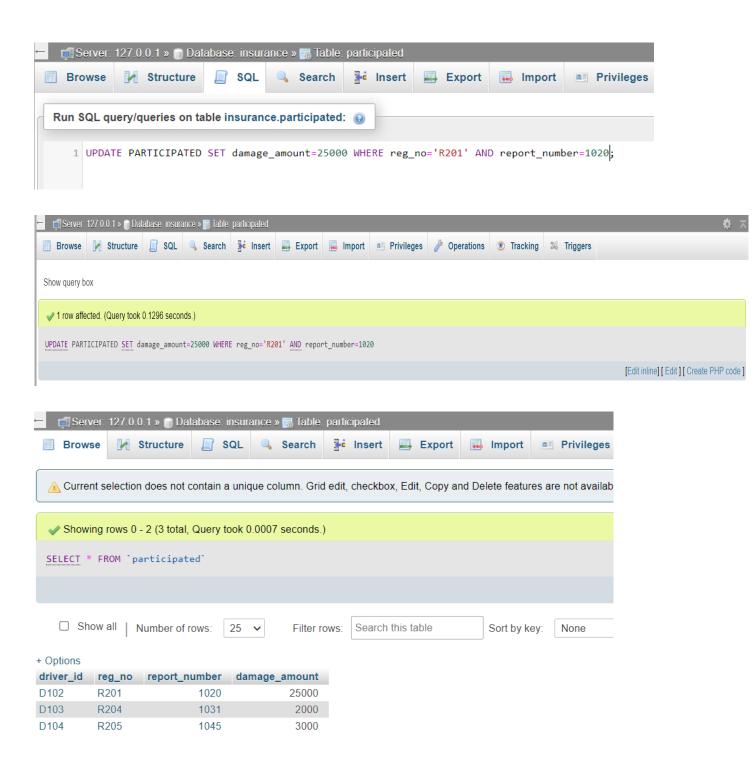


### 'PARTICIPATED' table:

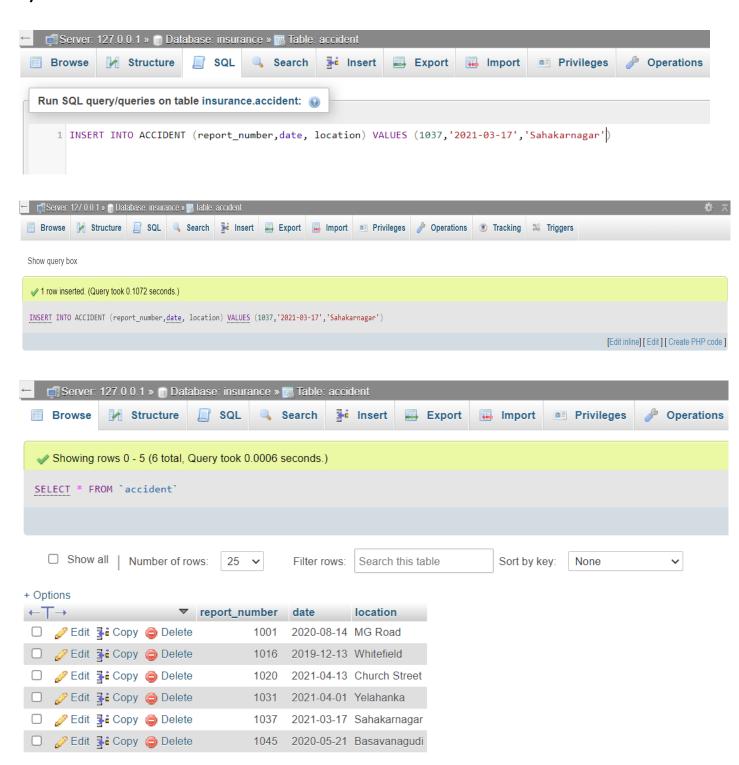


## 3) Demonstrate how you

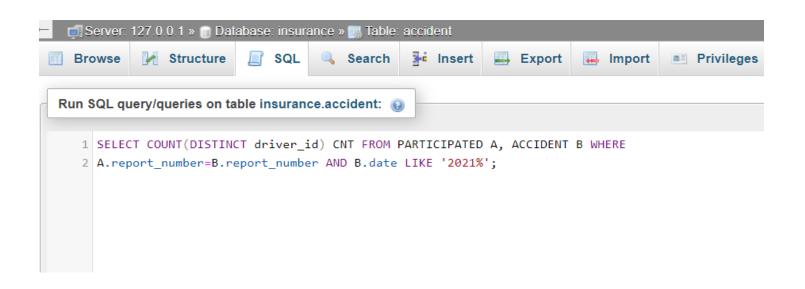
a) Update the damage amount for the car with a specific Regno in the accident with report number 12 to 25000.

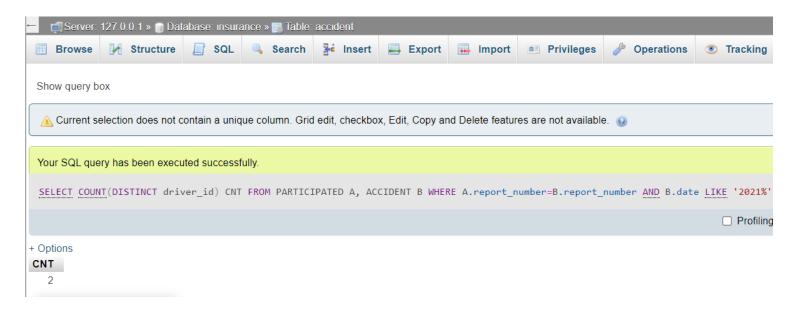


## b) Add a new accident to the database.



4) Find the total number of people who owned cars that were involved in accidents in 2021.





5) Find the number of accidents in which cars belonging to a specific model (say 'Hyundai') were involved.

