PROGRAM 3

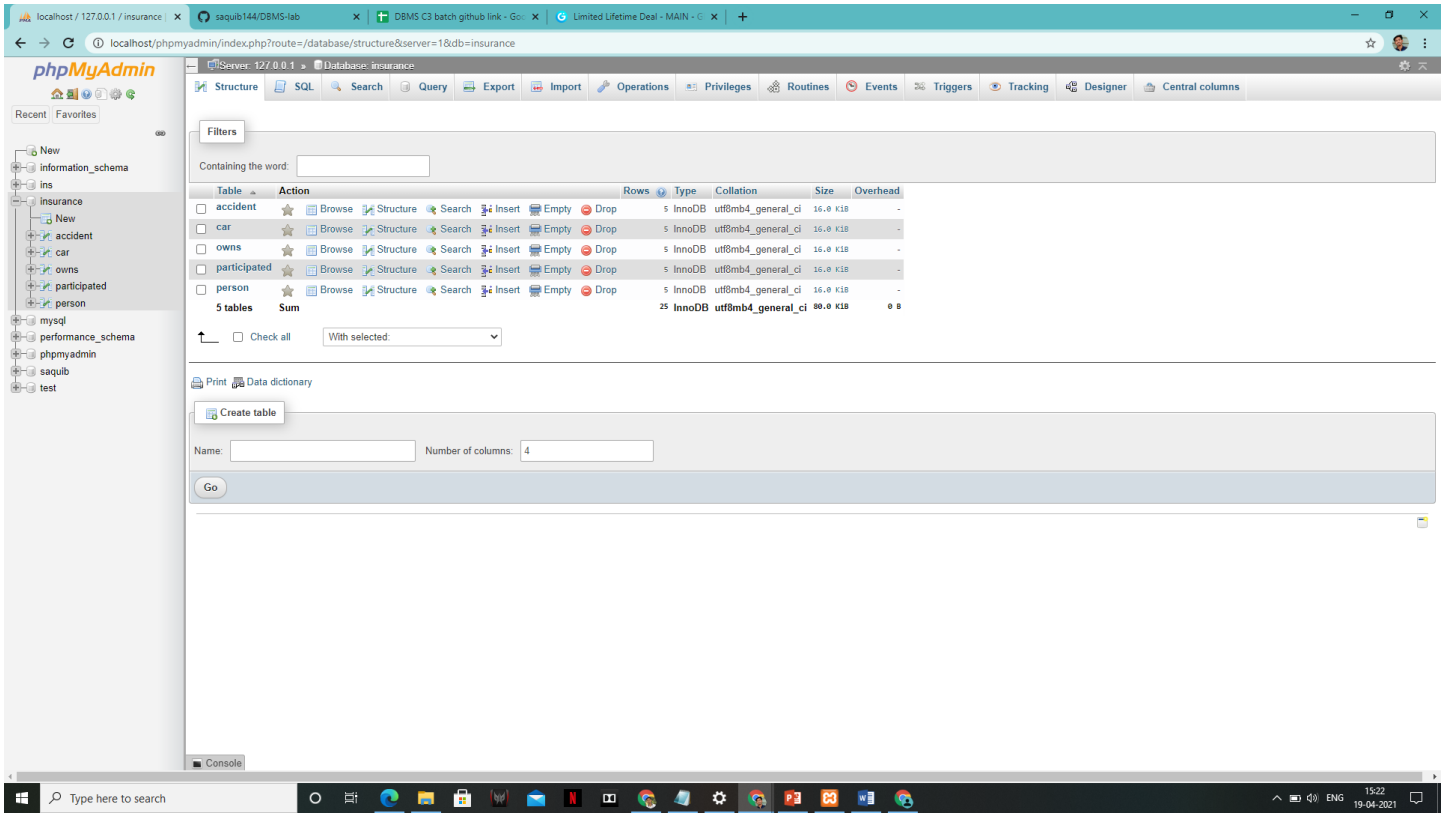
Consider the following schema:

SUPPLIERS (sid: integer, sname: string, address: string)

PARTS (pid: integer, pname: string, color: string)

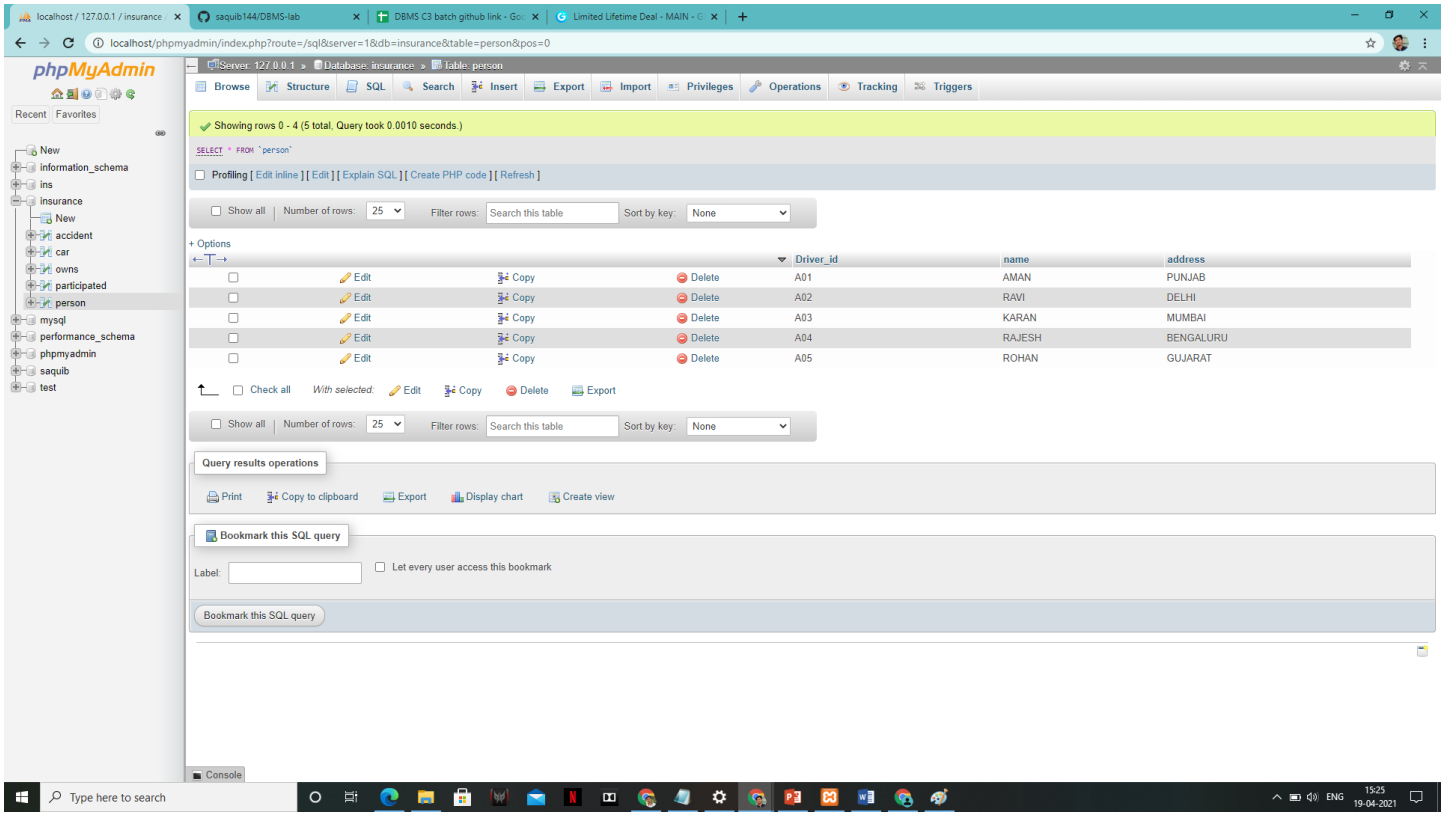
CATALOG (sid: integer, pid: integer, cost: real)

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

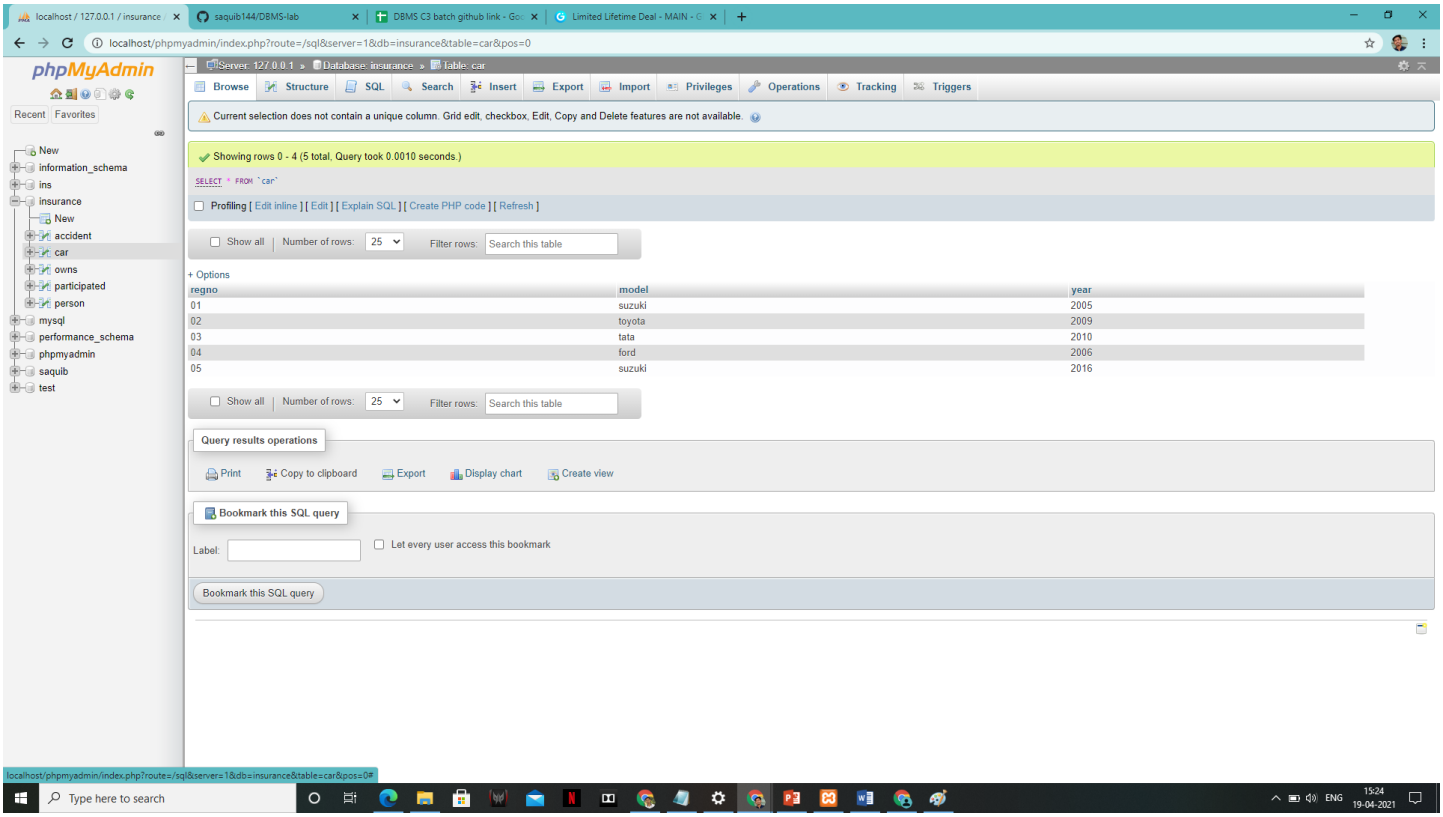


2) **Enter at least 5 tuples for each relation.**

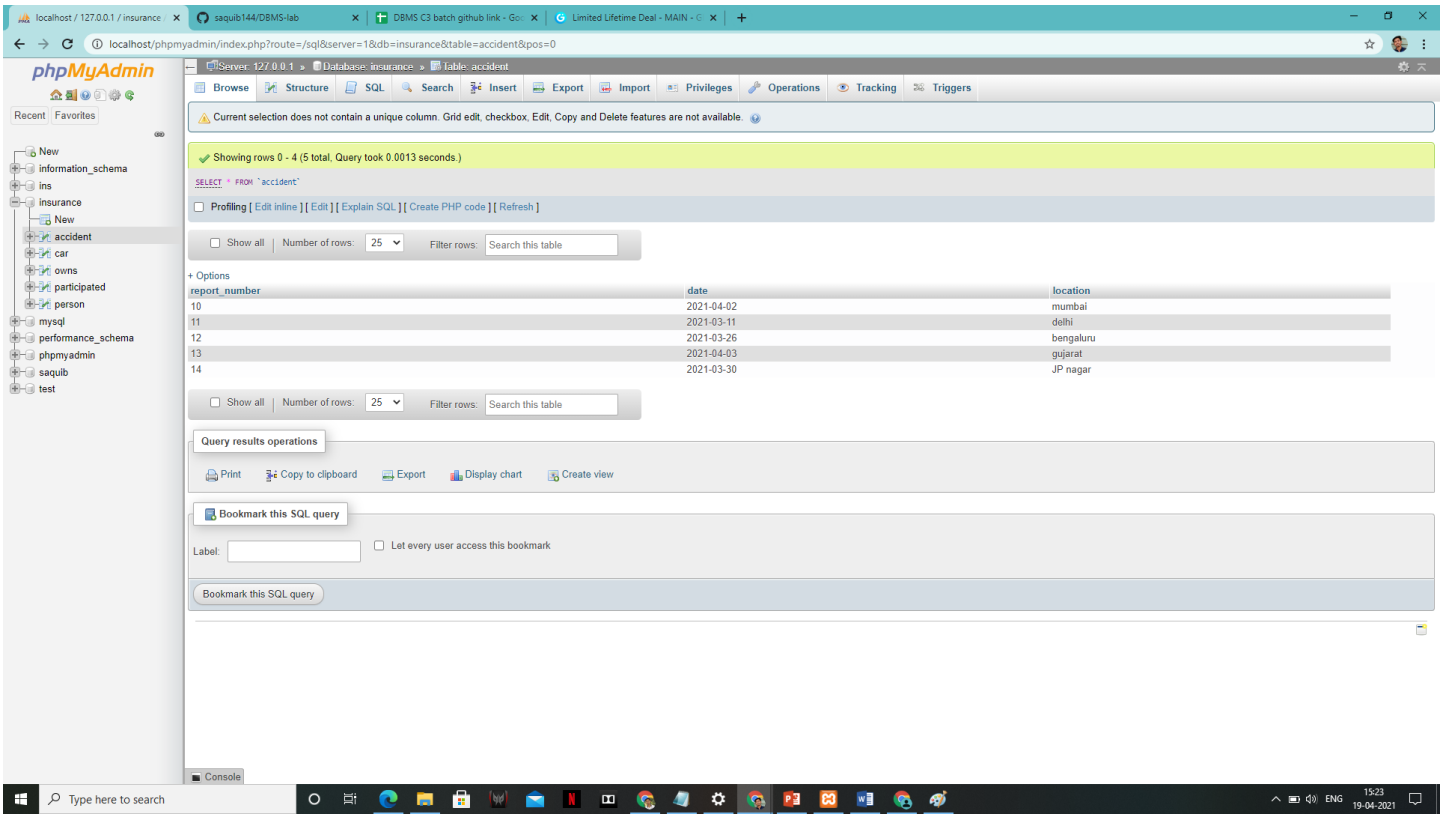
'PERSON' table:


phpMyAdmin
Server: 127.0.0.1 » Database: insurance » Table: person
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Showing rows 0 - 4 (5 total, Query took 0.0010 seconds.)
SELECT * FROM `person`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
Driver_id name address
Edit Copy Delete A01 AMAN PUNJAB
Edit Copy Delete A02 RAVI DELHI
Edit Copy Delete A03 KARAN MUMBAI
Edit Copy Delete A04 RAJESH BENGALURU
Edit Copy Delete A05 ROHAN GUJARAT
Check all With selected: Edit Copy Delete Export
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Console
Type here to search
ENG 15:25 19-04-2021

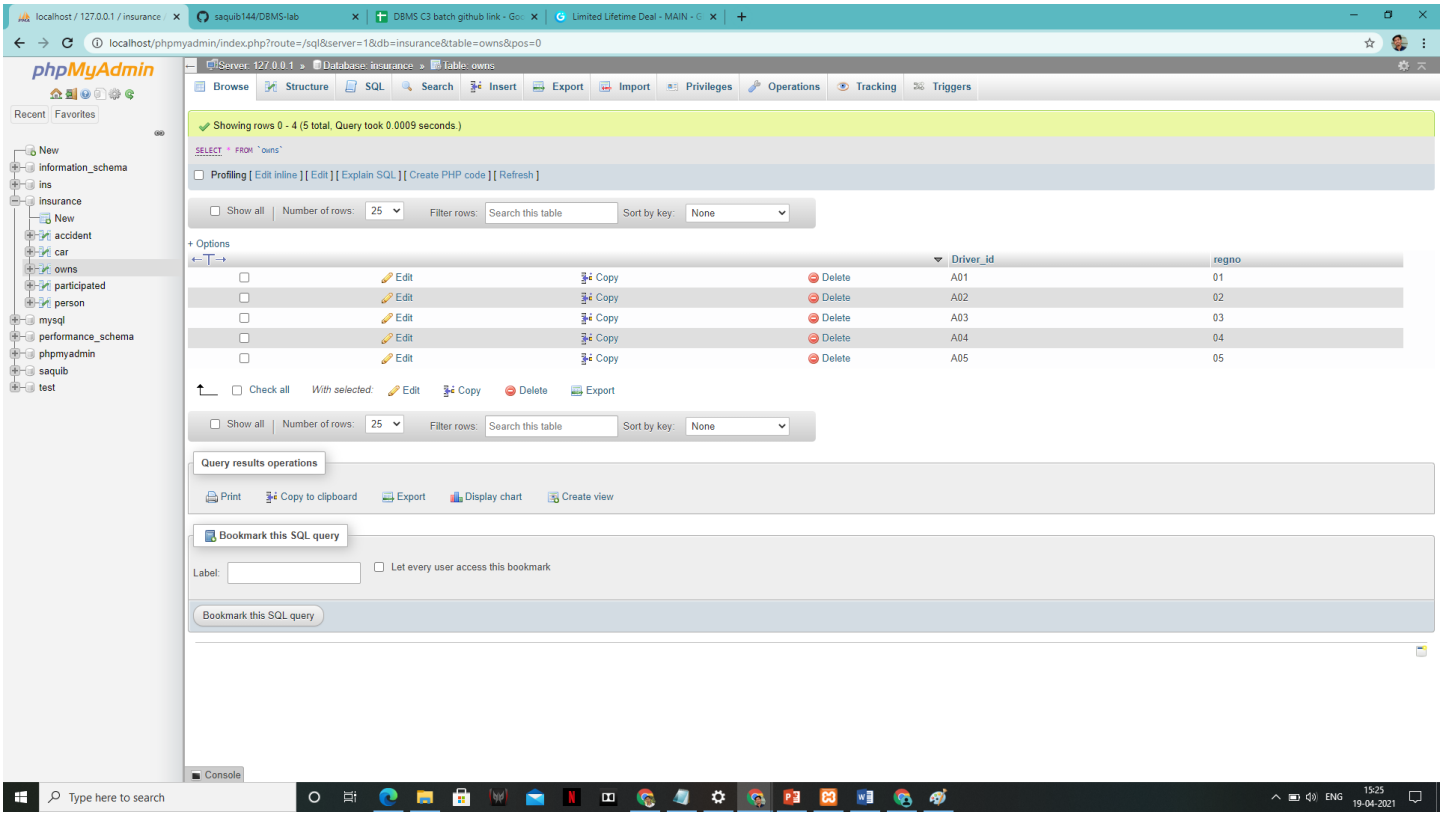
‘CAR’ table:


phpMyAdmin
Server: 127.0.0.1 » Database: insurance » Table: car
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.
Showing rows 0 - 4 (5 total, Query took 0.0010 seconds.)
SELECT * FROM `car`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table
+ Options
regno model year
01 suzuki 2005
02 toyota 2009
03 tata 2010
04 ford 2006
05 suzuki 2016
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Type here to search
ENG 15:24 19-04-2021

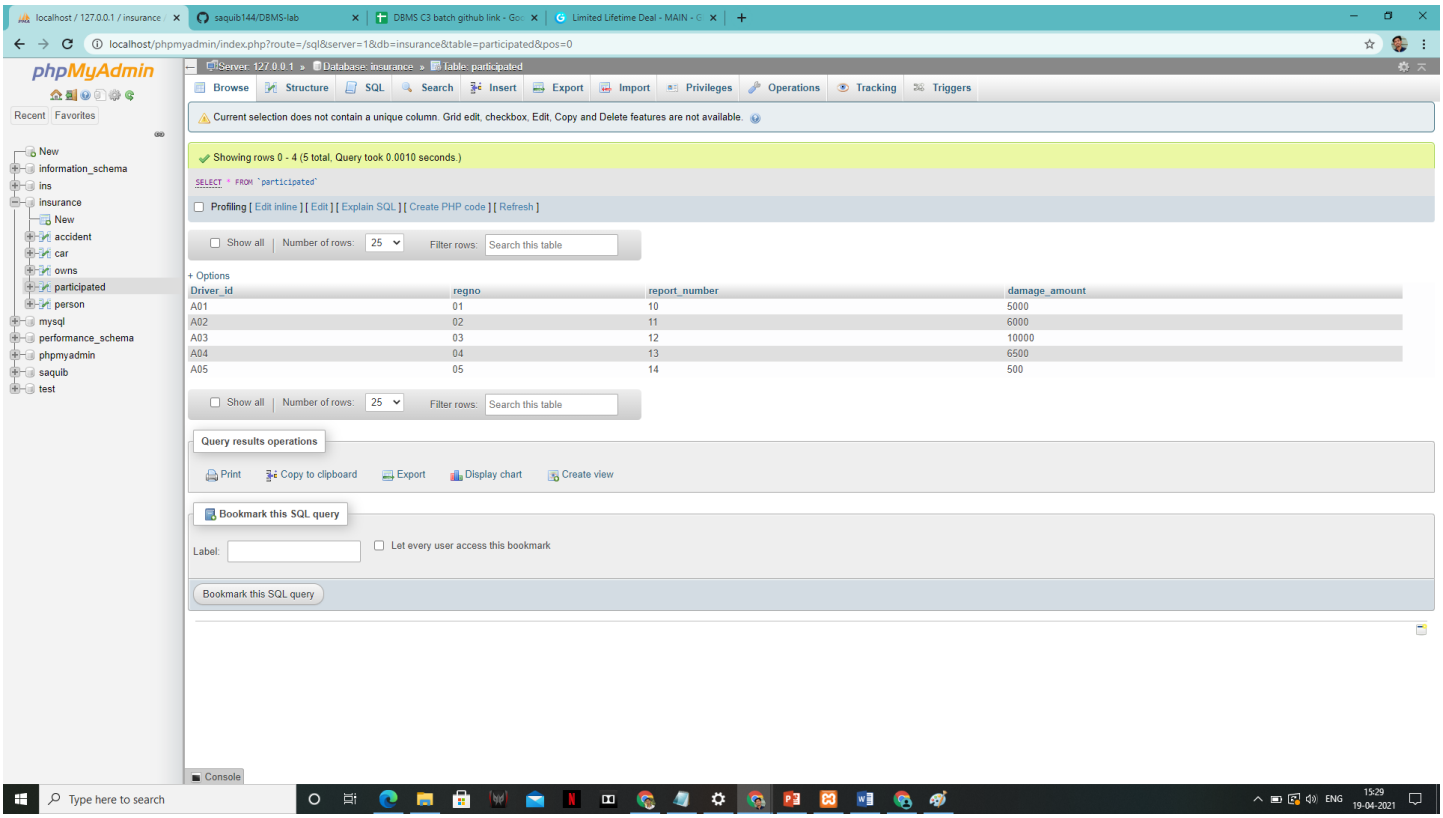
‘ACCIDENT’ table:



‘OWNS’ table:

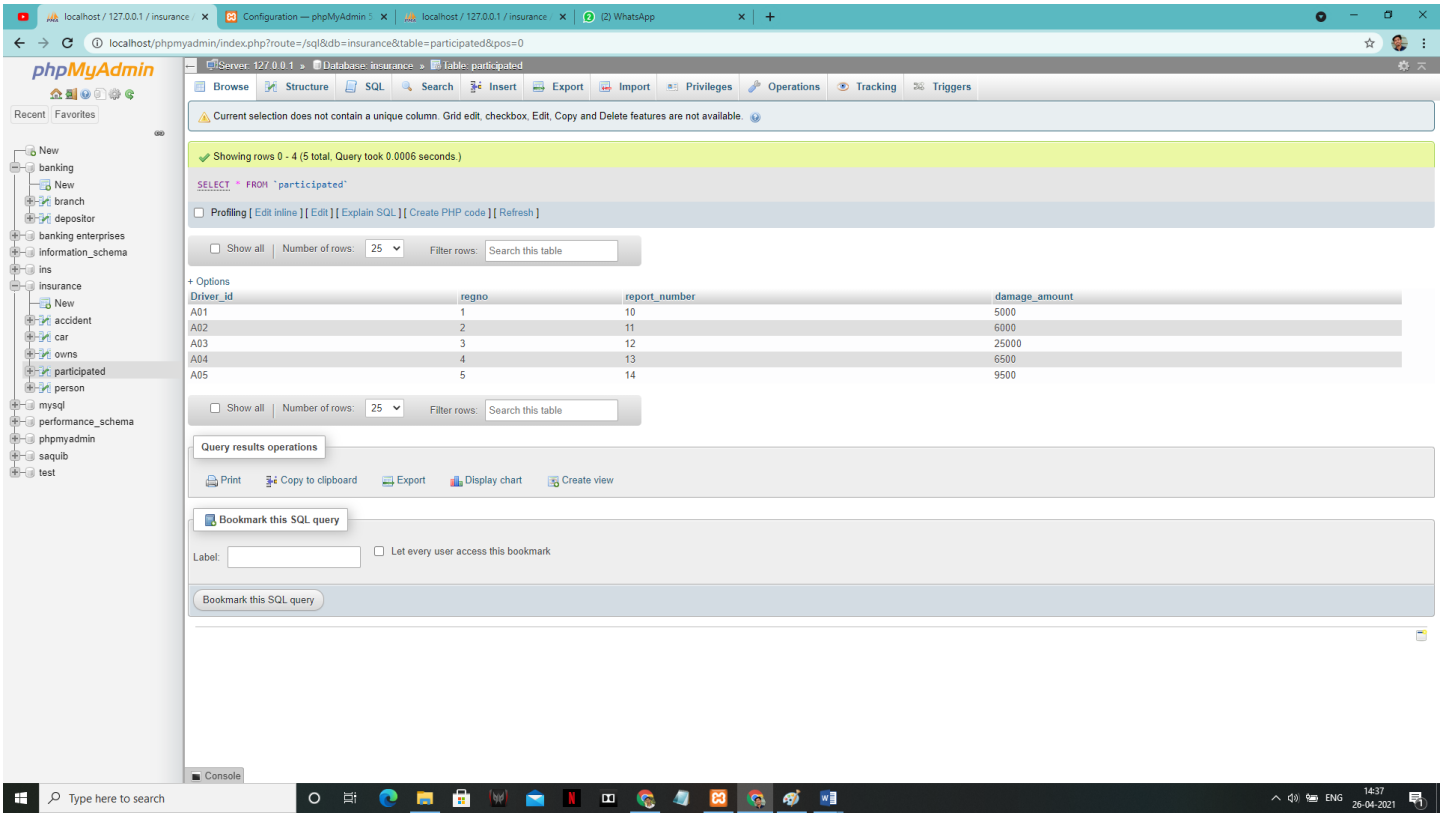


‘PARTICIPATED’ table:

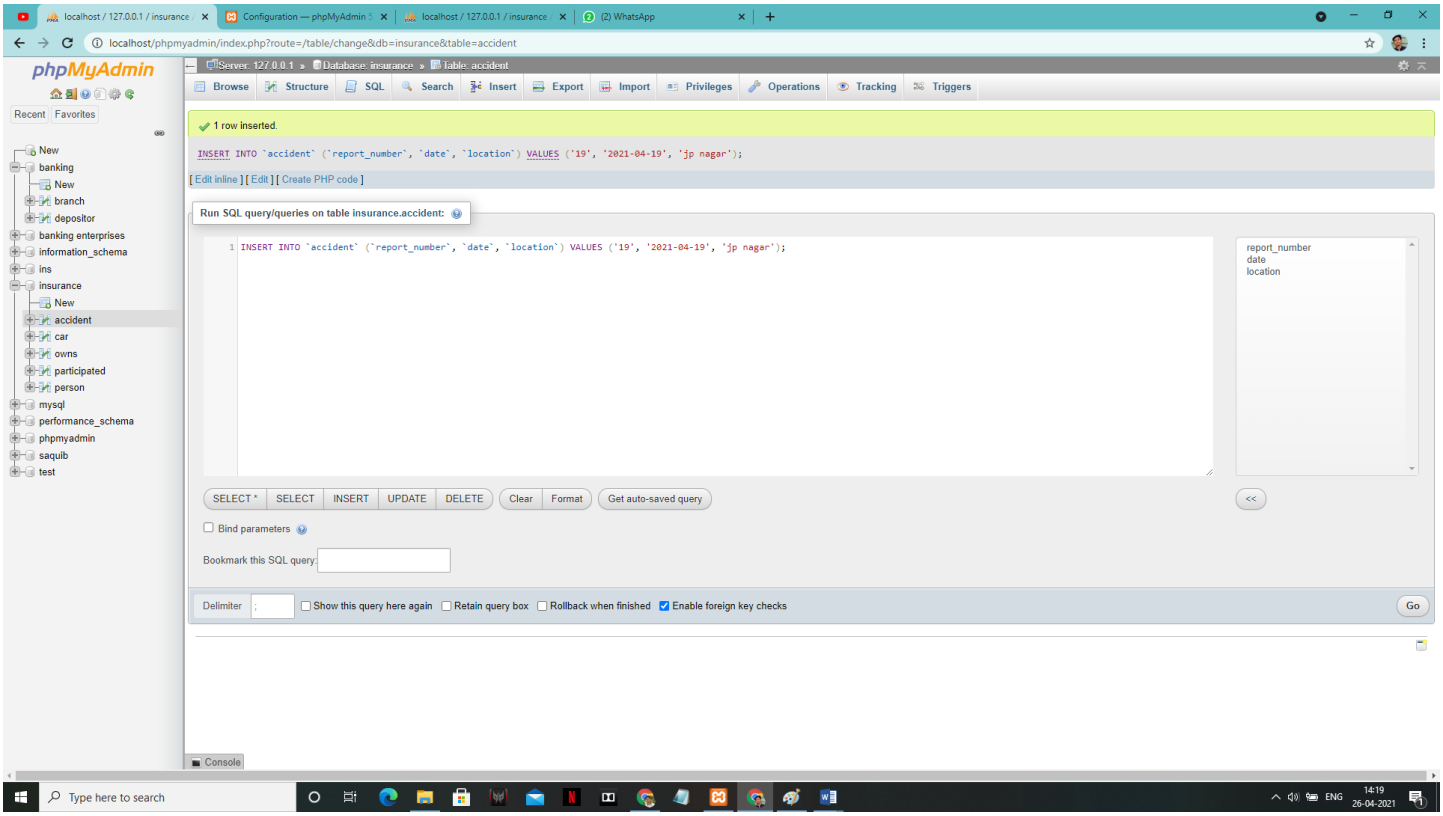


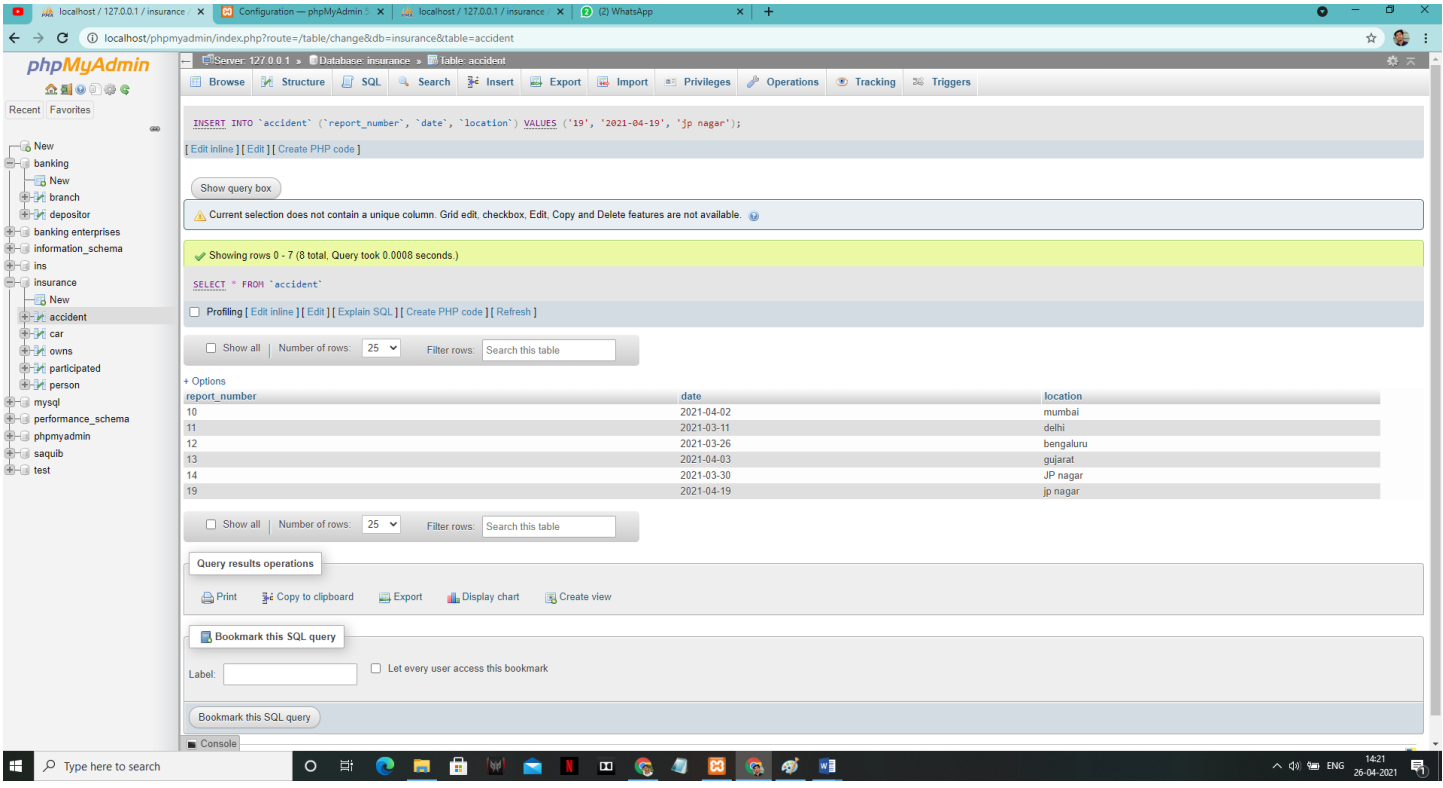
3) Demonstrate how you

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

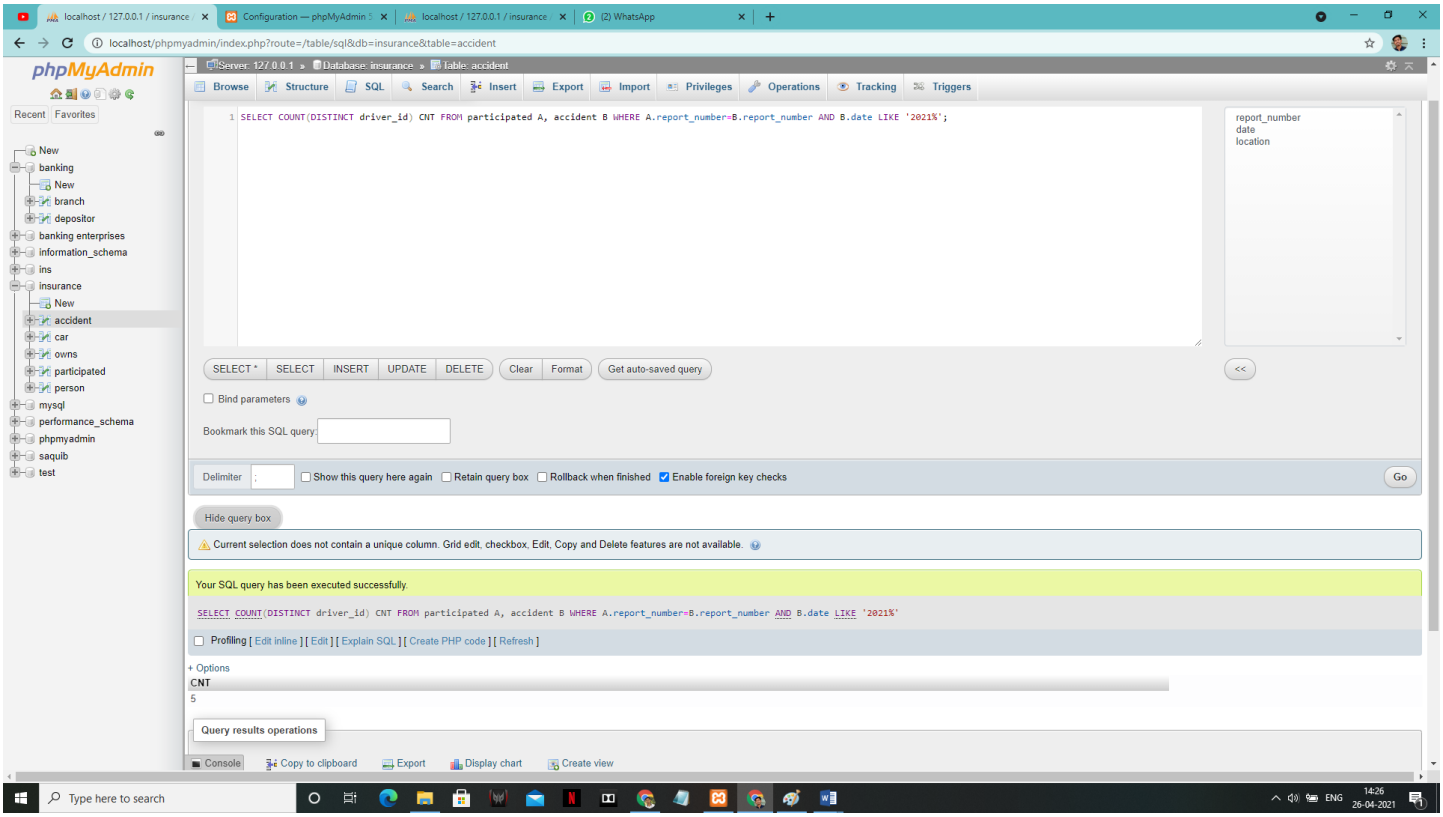
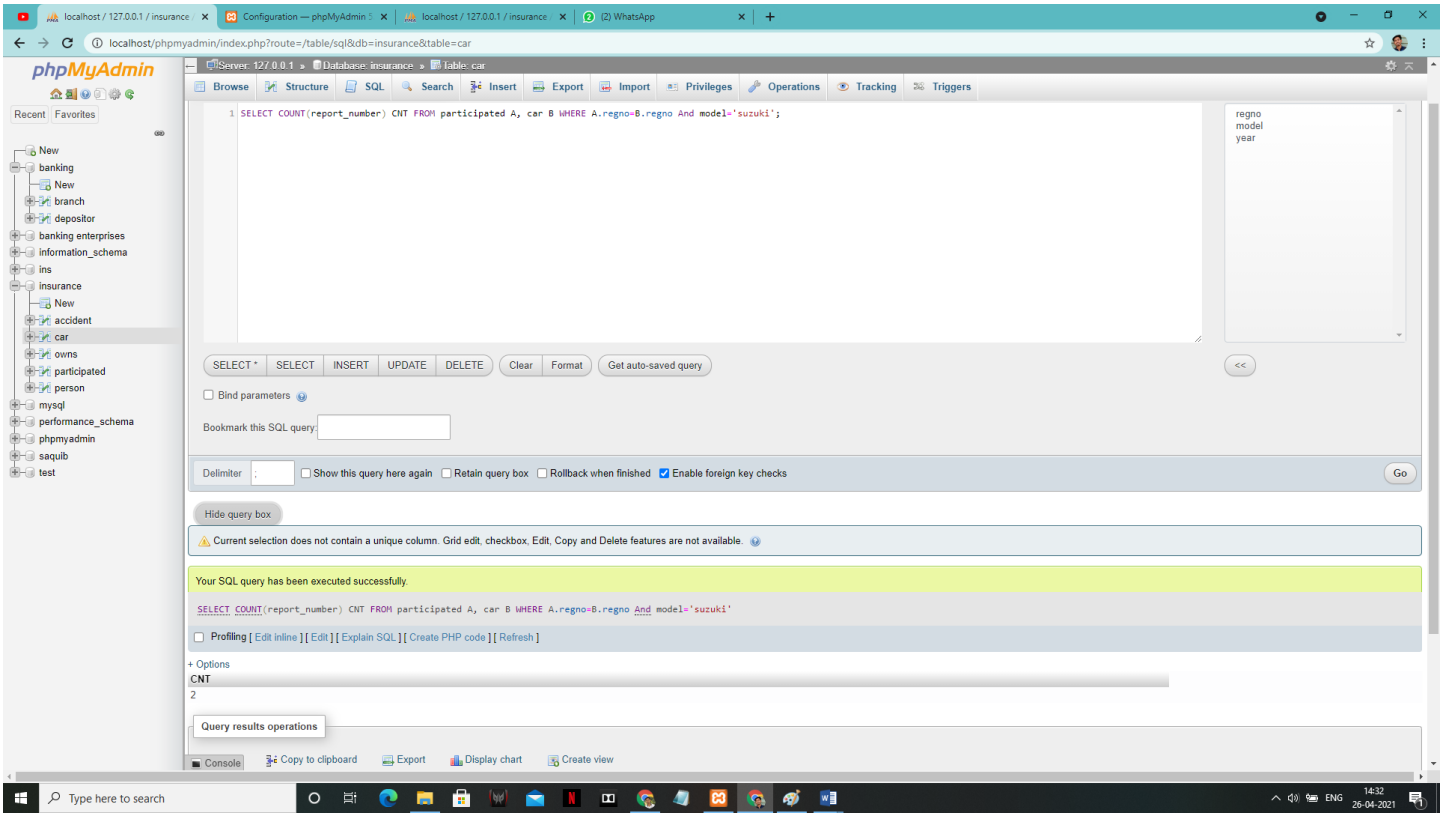


b) Add a new accident to the database.


phpMyAdmin
Server: 127.0.0.1 » Database: insurance » Table: accident
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
1 row inserted.
INSERT INTO `accident` (`report_number`, `date`, `location`) VALUES ('19', '2021-04-19', 'jp nagar');
[Edit inline] [Edit] [Create PHP code]
Run SQL query/queries on table insurance.accident:
INSERT INTO `accident` (`report_number`, `date`, `location`) VALUES ('19', '2021-04-19', 'jp nagar');
report_number
date
location
SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query
Bind parameters
Bookmark this SQL query:
Delimiter ; Show this query here again Retain query box Rollback when finished Enable foreign key checks Go
Console


phpMyAdmin
Server: 127.0.0.1 » Database: insurance » Table: accident
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
INSERT INTO `accident` (`report_number`, `date`, `location`) VALUES ('19', '2021-04-19', 'jp nagar');
[Edit inline] [Edit] [Create PHP code]
Show query box
Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.
Showing rows 0 - 7 (8 total, Query took 0.0008 seconds.)
SELECT * FROM `accident`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all Number of rows: 25 Filter rows: Search this table
+ Options
report_number | date | location
10 | 2021-04-02 | mumbai
11 | 2021-03-11 | delhi
12 | 2021-03-26 | bengaluru
13 | 2021-04-03 | gujarat
14 | 2021-03-30 | JP nagar
19 | 2021-04-19 | jp nagar
Show all Number of rows: 25 Filter rows: Search this table
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Console

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 ‘Suzuki’) were involved.**