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Course: MySQL

Difficulty: Intense

Instruction: Import the given **lco_car_rentals.sql** file in phpmyadmin and then answer the following questions with mySQL queries.

Q1) Insert the details of new customer:-

First name : Nancy

Last Name: Perry

Dob : 1988-05-16

License Number: K59042656E

Email : nancy@gmail.com

Q2) The new customer (inserted above) wants to rent a car from 2020-08-25 to 2020-08-30. More details are as follows:

Vehicle Type : Economy SUV

Fuel Option : Market

Pick Up location: 5150 W 55th St , Chicago, IL, zip- 60638

Drop Location: 9217 Airport Blvd, Los Angeles, CA, zip - 90045

Q3) The customer with the driving license W045654959 changed his/her drop off location to 1001 Henderson St, Fort Worth, TX, zip - 76102 and wants to extend the rental upto 4 more days. Update the record.

Q4) Fetch all rental details with their equipment type.

Q5) Fetch all details of vehicles.

Q6) Get driving license of the customer with most rental insurances.

Q7) Insert a new equipment type with following details.

Name : Mini TV

Rental Value : 8.99

Q8) Insert a new equipment with following details:

Name : Garmin Mini TV

Equipment type : Mini TV

Current Location zip code : 60638

Q9) Fetch rental invoice for customer (email: smacias3@amazonaws.com).

Q10) Insert the invoice for customer (driving license:) with following details:-

Car Rent : 785.4

Equipment Rent : 114.65

Insurance Cost : 688.2

Tax : 26.2

Total: 1614.45

Discount : 213.25

Net Amount: 1401.2

Q11) Which rental has the most number of equipment.

Q12) Get driving license of a customer with least number of rental licenses.

Q13) Insert new location with following details.

Street address : 1460 Thomas Street

City : Burr Ridge , State : IL, Zip - 61257

Q14) Add the new vehicle with following details:-

Brand: Tata

Model: Nexon

Model Year : 2020

Mileage: 17000

Color: Blue

Vehicle Type: Economy SUV

Current Location Zip: 20011

Q15) Insert new vehicle type Hatchback and rental value: 33.88.

Q16) Add new fuel option Pre-paid (refunded).

Q17) Assign the insurance : Cover My Belongings (PEP), Cover The Car (LDW) to the rental started on 25-08-2020 (created in Q2) by customer (Driving License:K59042656E).

Q18) Remove equipment_type :Satellite Radio from rental started on 2018-07-14 and ended on 2018-07-23.

Q19) Update phone to 510-624-4188 of customer (Driving License: K59042656E).

Q20) Increase the insurance cost of Cover The Car (LDW) by 5.65.

Q21) Increase the rental value of all equipment types by 11.25.

Q22) Increase the cost of all rental insurances except Cover The Car (LDW) by twice the current cost.

Q23) Fetch the maximum net amount of invoice generated.

Q24) Update the dob of customer with driving license V435899293 to 1977-06-22.

Q25) Insert new location with following details.

Street address : 468 Jett Lane

City : Gardena , State : CA, Zip - 90248

Q26) The new customer (Driving license: W045654959) wants to rent a car from 2020-09-15 to 2020-10-02. More details are as follows:

Vehicle Type : Hatchback

Fuel Option : Pre-paid (refunded)

Pick Up location: 468 Jett Lane , Gardena , CA, zip- 90248

Drop Location: 5911 Blair Rd NW, Washington, DC, zip - 20011

Q27) Replace the driving license of the customer (Driving License: G055017319) with new one K16046265.

Q28) Calculated the total sum of all insurance costs of all rentals.

Q29) How much discount we gave to customers in total in the rental invoice?

Q30) The Nissan Versa has been repainted to black. Update the record.