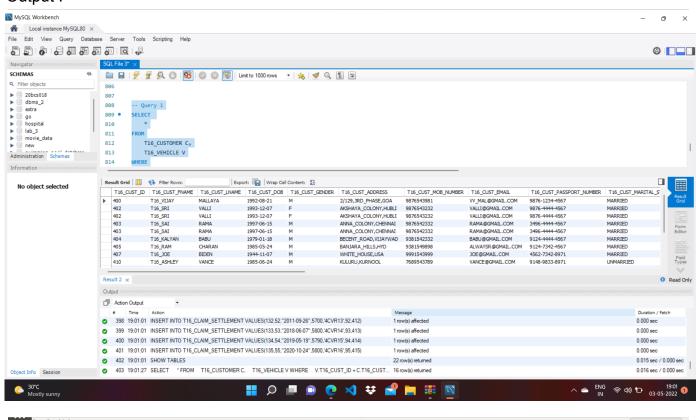
Vehicle Insurance Database Queries

1. Retrieve Customer and Vehicle details who has been involved in an incident and claim status is pending

Query:

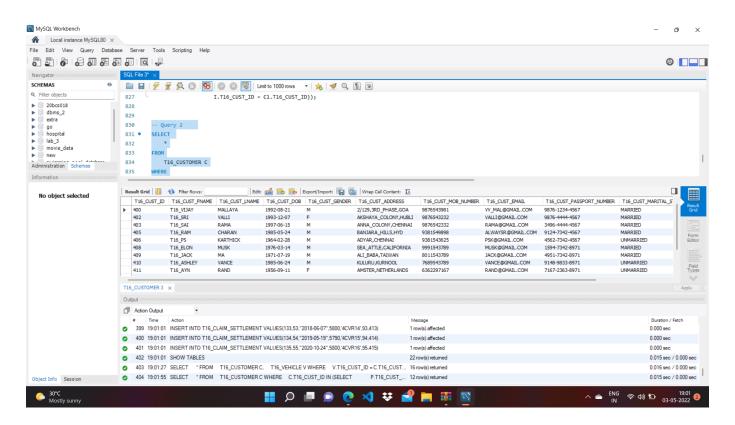
SELECT * FROM T16_CUSTOMER C, T16_VEHICLE V WHERE V.T16_CUST_ID = C.T16_CUST_ID AND C.T16_CUST_ID IN (SELECT C1.T16_CUST_ID FROM T16_CLAIM C1 WHERE C1.T16_CLAIM_STATUS= 'PENDING' AND C1.T16_INCIDENT_ID IN (SELECT I.T16_INCIDENT_ID FROM T16_INCIDENT_REPORT I WHERE I.T16_CUST_ID = C1.T16_CUST_ID);



2. Retrieve customer details who has premium payment amount greater than the sum of all the customerlds in the database

Query:

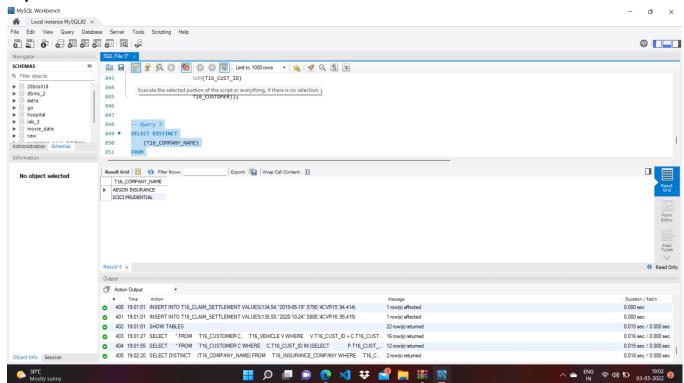
SELECT * FROM T16_CUSTOMER C WHERE C.T16_CUST_ID IN (SELECT P.T16_CUST_ID FROM T16_PREMIUM_PAYMENT P WHERE P.T16_CUST_ID = C.T16_CUST_ID AND P.T16_PREMIUM_PAYMENT_AMOUNT > (SELECT SUM(T16_CUST_ID) FROM T16_CUSTOMER));



3. Retrieve Company details whose number of products is greater than departments, where the departments are located in more than one location

Query:

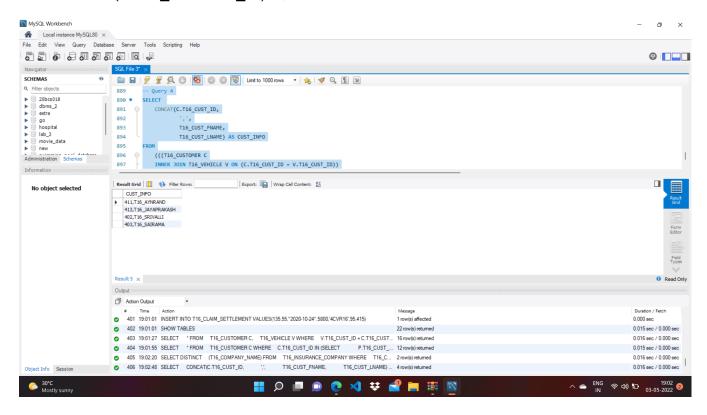
SELECT C.T16_COMPANY_NAME FROM T16_INSURANCE_COMPANY C INNER JOIN T16_PRODUCT P ON P.T16_COMPANY_NAME=C.T16_COMPANY_NAME GROUP BY P.T16_COMPANY_NAME HAVING COUNT(*) > ALL(SELECT COUNT(*) FROM T16_INSURANCE_COMPANY GROUP BY T16_COMPANY_NAME HAVING COUNT(T16_COMPANY_LOCATION)>1);



4. Select Customers who have more than one Vehicle, where the premium for one of the Vehicles is not paid and it is involved in accident

Query:

SELECT CONCAT(C.T16_CUST_ID,",",T16_CUST_FNAME,T16_CUST_LNAME) AS CUST_INFO FROM (((T16_CUSTOMER C INNER JOIN T16_VEHICLE V ON (C.T16_CUST_ID=V.T16_CUST_ID))INNER JOIN T16_PREMIUM_PAYMENT P ON (P.T16_CUST_ID=V.T16_CUST_ID AND P.T16_PREMIUM_PAYMENT_AMOUNT=0)) INNER JOIN T16_INCIDENT_REPORT IR ON (IR.T16_CUST_ID=P.T16_CUST_ID AND IR.T16_INCIDENT_TYPE='ACCIDENT')) GROUP BY V.T16_CUST_ID HAVING COUNT(V.T16_VEHICLE_ID)>1;



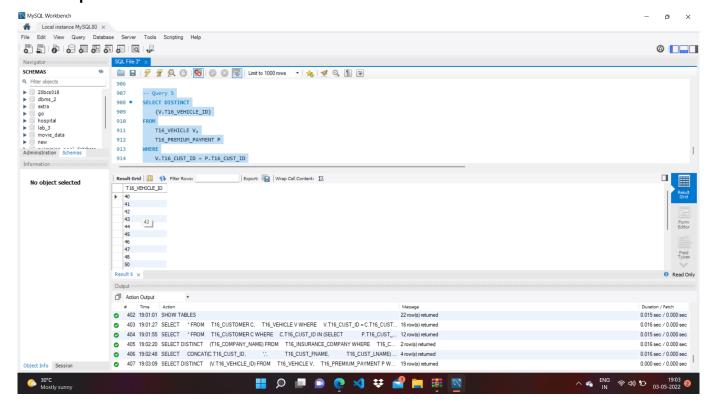
5. Select all vehicles which have premium more than its vehicle number.

Query:

SELECT distinct(V.T16_VEHICLE_ID) FROM T16_VEHICLE V,

T16_PREMIUM_PAYMENT P WHERE V.T16_CUST_ID = P.T16_CUST_ID AND

P.T16_PREMIUM_PAYMENT_ID > V.T16_VEHICLE_NUMBER;



6. Retrieve Customer details whose Claim Amount is less than Coverage Amount and Claim Amount is greater than Sum of (CLAIM_SETTLEMENT_ID, VEHICLE_ID, CLAIM_ID, CUST_ID)

Query:

SELECT CONCAT(C.T16_CUST_ID,",",T16_CUST_FNAME,",",T16_CUST_LNAME)
AS CUST_INFO FROM (T16_CUSTOMER C INNER JOIN
T16_CLAIM_SETTLEMENT CS ON CS.T16_CUST_ID=C.T16_CUST_ID INNER JOIN
T16_CLAIM CL ON (CL.T16_CLAIM_ID=CS.T16_CLAIM_ID)INNER JOIN
T16_COVERAGE CO ON (CO.T16_COVERAGE_ID=CS.T16_COVERAGE_ID AND
CL.T16_CLAIM_AMOUNT</br>
CL.T16_CLAIM_AMOUNT</br>
(CS.T16_CLAIM_SETTLEMENT_ID+CS.T16_VEHICLE_ID+CS.T16_CLAIM_ID+CS.T16_CUST_ID)));

