**VEHICLE INSURANCE DATBASE**

Create a table with name POLICY having the following attributes:

CREATE table POLICY

(

Customer\_id Varchar(15) not NULL,

Name Varchar(30) not NULL,

Type\_of\_vehivle Varchar(10) not NULL,

Vehicle\_class varchar(5),

Reg\_no varchar(10)

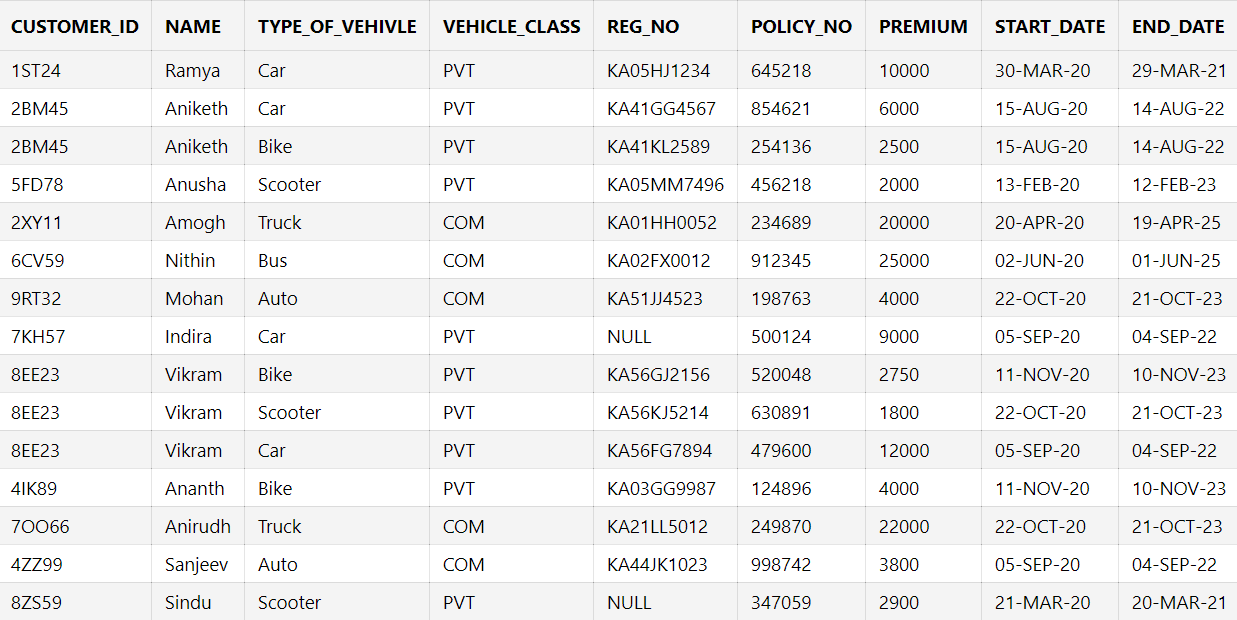
Policy\_no int Primary key,

Premium int,

Start\_date varchar(10),

);

1. Add End \_date attribute to the table of type DATE.
2. Insert the following details into the table.



1. Display all the records of the POLICY table.
2. Display customer\_id, name and policy\_no of all the records in the table.
3. Display details of all who has taken a CAR insurance .
4. Display the count of COMMERTIAL vehicles.
5. Display all records with PREMIUM greater than or equal to 10,000.
6. Display all the records with NAME as Vikram and calculate the SUM of his premiums.
7. Display all the records with End\_date between 01-JAN-2021 to 31-DEC-2021.
8. Display all the records with Start\_date 05-SEP-2020 and End\_date 04-SEP-2022.
9. Count and Display all the records of all the vehicles which are not COMMERTIAL.
10. Display all the records for BIKE and SCOOTER insurance.
11. Display distinct customer\_id and name .
12. Display the type\_of\_vehicle,reg\_no of all the vehicles with customer\_id = 2BM45.
13. Display all the vehicles without reg\_no.
14. Update the reg\_no of SINDHU with KA55LK2956 and display .
15. Sort all the records according to PREMIUM.
16. Display the PREMIUM for the vehicle with policy\_no 249870.
17. There was a name transfer for the vehicle with reg\_no KA41KL2589

Change the below details only and display:

* Name: Rama
* Customer\_id: 2PO59

1. Delete entry with customer\_id 2BM45 and policy\_no 854621.

**SOLUTIONS**

1. Add End \_date attribute to the table of type DATE.

**ALTER table POLICY add End\_date DATE;**

2. Insert the following details into the table.

**INSERT into POLICY values('1ST24','Ramya','Car','PVT','KA05HJ1234',645218,10000,'30-MAR-2020','29-MAR-2021');**

**INSERT into POLICY values('2BM45','Aniketh','Car','PVT','KA41GG4567',854621,6000,'15-AUG-2020','14-AUG-2022');**

**INSERT into POLICY values('2BM45','Aniketh','Bike','PVT','KA41KL2589',254136,2500,'15-AUG-2020','14-AUG-2022');**

**INSERT into POLICY values('5FD78','Anusha','Scooter','PVT','KA05MM7496',456218,2000,'13-FEB-2020','12-FEB-2023');**

**INSERT into POLICY values('2XY11','Amogh','Truck','COM','KA01HH0052',234689,20000,'20-APR-2020','19-APR-2025');**

**INSERT into POLICY values('6CV59','Nithin','Bus','COM','KA02FX0012',912345,25000,'02-JUN-2020','01-JUN-2025');**

**INSERT into POLICY values('9RT32','Mohan','Auto','COM','KA51JJ4523',198763,4000,'22-OCT-2020','21-OCT-2023');**

**INSERT into POLICY values('7KH57','Indira','Car','PVT','NULL',500124,9000,'05-SEP-2020','04-SEP-2022');**

**INSERT into POLICY values('8EE23','Vikram','Bike','PVT','KA56GJ2156',520048,2750,'11-NOV-2020','10-NOV-2023');**

**INSERT into POLICY values('8EE23','Vikram','Scooter','PVT','KA56KJ5214',630891,1800,'22-OCT-2020','21-OCT-2023');**

**INSERT into POLICY values('8EE23','Vikram','Car','PVT','KA56FG7894',479600,12000,'05-SEP-2020','04-SEP-2022');**

**INSERT into POLICY values('4IK89','Ananth','Bike','PVT','KA03GG9987',124896,4000,'11-NOV-2020','10-NOV-2023');**

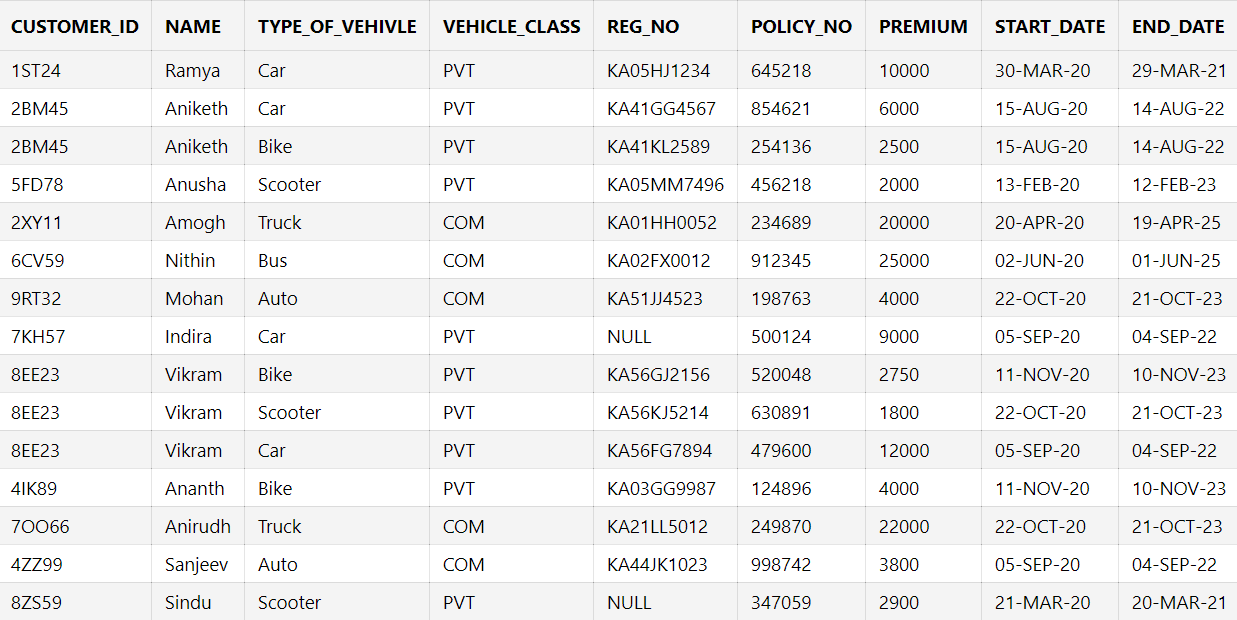
**INSERT into POLICY values('7OO66','Anirudh','Truck','COM','KA21LL5012',249870,22000,'22-OCT-2020','21-OCT-2023');**

**INSERT into POLICY values('4ZZ99','Sanjeev','Auto','COM','KA44JK1023',998742,3800,'05-SEP-2020','04-SEP-2022');**

**INSERT into POLICY values('8ZS59','Sindu','Scooter','PVT','NULL',347059,2900,'21-MAR-2020','20-MAR-2021');**

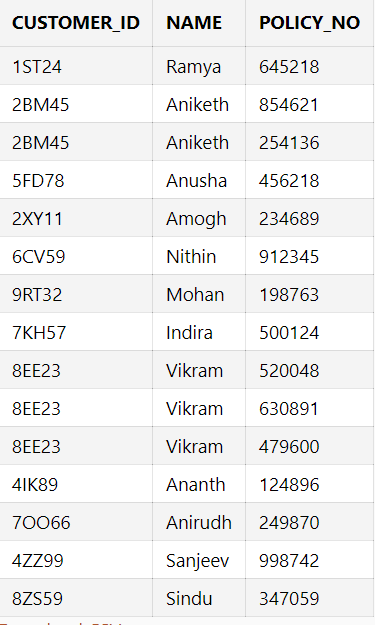
3. Display all the records of the POLICY table.

**SELECT \* from POLICY;**

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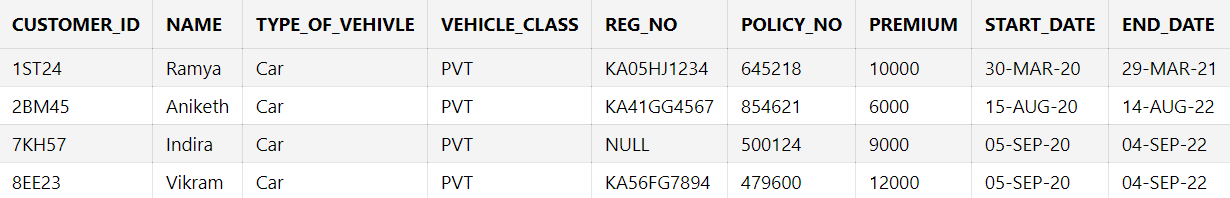
4. Display customer\_id, name and policy\_no of all the records in the table.

**SELECT Customer\_id,Name,Policy\_no from POLICY;**

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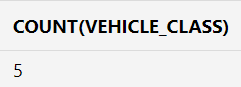
5. Display details of all who has taken a CAR insurance .

**SELECT \* from POLICY where Type\_of\_vehicle='Car';**

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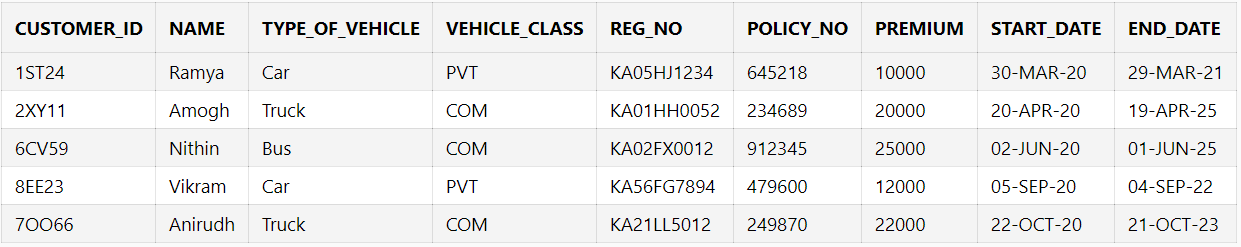
6. Display the count of COMMERTIAL vehicles

**SELECT COUNT(Vehicle\_class) from POLICY where Vehicle\_class='COM';**



7. Display all records with PREMIUM greater than or equal to 10,000.

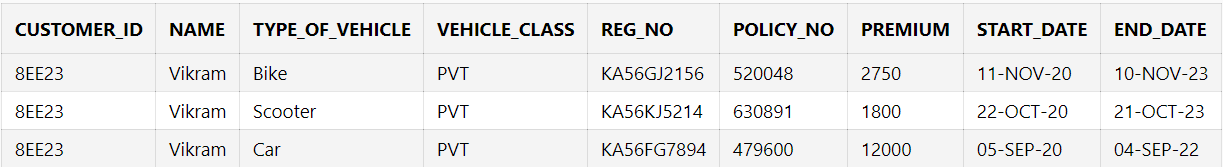
**SELECT \* from POLICY where PREMIUM>=10000;**

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8. Display all the records with NAME as Vikram and calculate the SUM of his premiums.

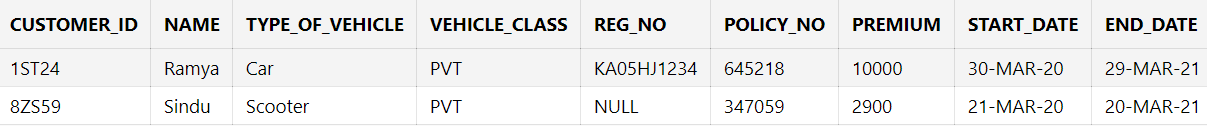
**SELECT \* from POLICY where name='Vikram';**

**SELECT SUM(premium) from POLICY where name='Vikram';**



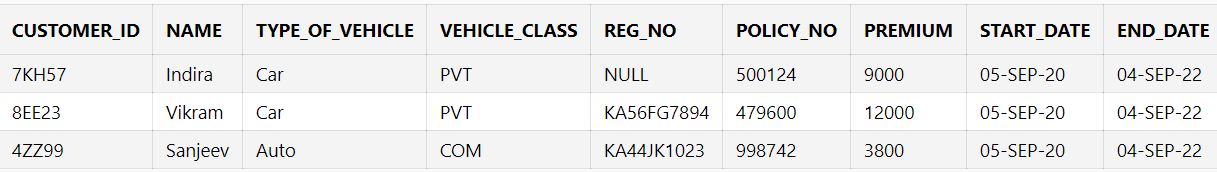
9. Display all the records with End\_date between 01-JAN-2021 to 31-DEC-2021.

**SELECT \* from POLICY where End\_date >='01-JAN-2021' and End\_date<='31-DEC-2021';**



10. Display all the records with Start\_date 05-SEP-2020 and End\_date 04-SEP-2022.

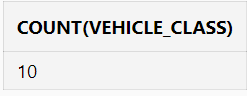
**SELECT \* from POLICY where Start\_date=' 05-SEP-2020' and End\_date=' 04-SEP-2022';**

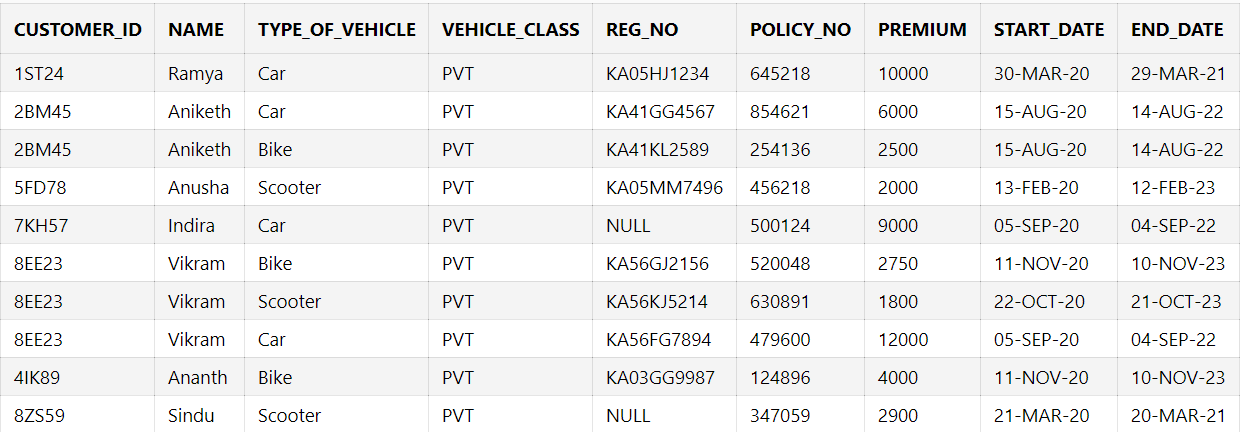
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11. Count and Display all the records of all the vehicles which are not COMMERTIAL.

**SELECT COUNT(Vehicle\_class) from POLICY where Vehicle\_class!='COM';**

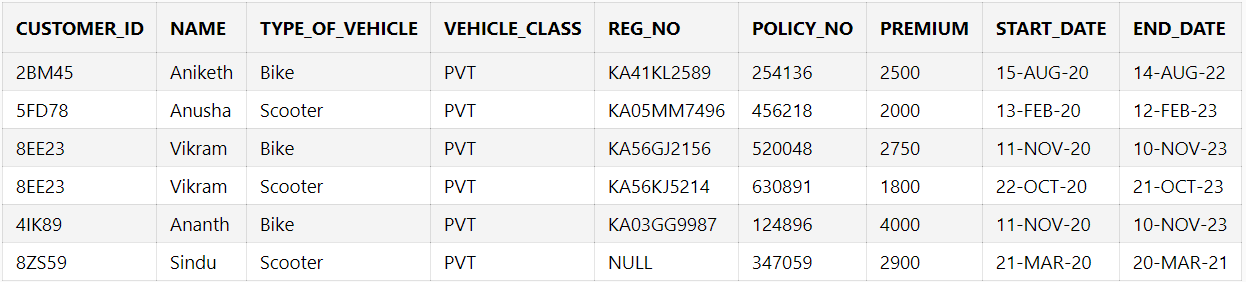
**SELECT \* from POLICY where Vehicle\_class!='COM';**





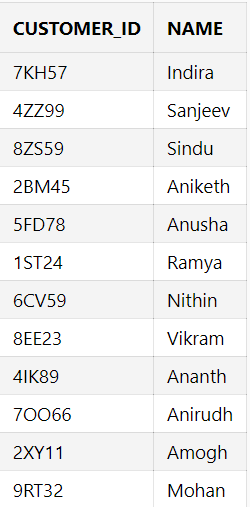
12.Display all the records for BIKE and SCOOTER insurance.

**SELECT \* from POLICY where Type\_of\_vehicle='Bike' or Type\_of\_vehicle='Scooter';**

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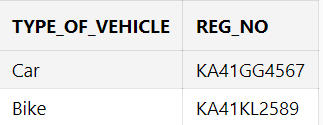
13. Display distinct customer\_id and name .

**SELECT DISTINCT customer\_id,name from POLICY;**

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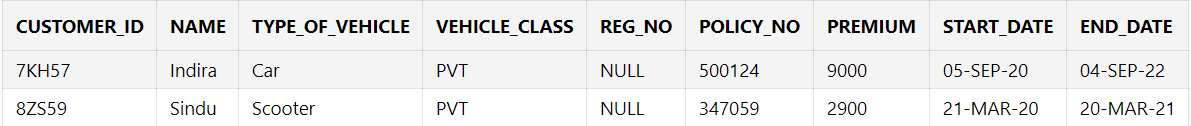
14. Display the type\_of\_vehicle,reg\_no of all the vehicles with customer\_id = 2BM45.

**SELECT type\_of\_vehicle,reg\_no from POLICY where Customer\_id='2BM45';**

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15. Display all the vehicles without reg\_no.

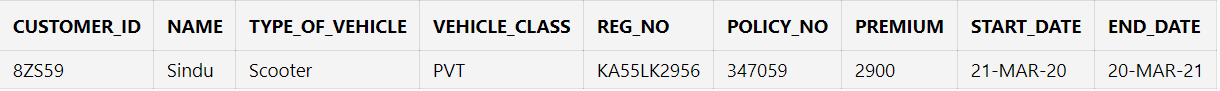
**SELECT \* from POLICY where reg\_no='NULL';**

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16. Update the reg\_no of SINDHU with KA55LK2956 and display .

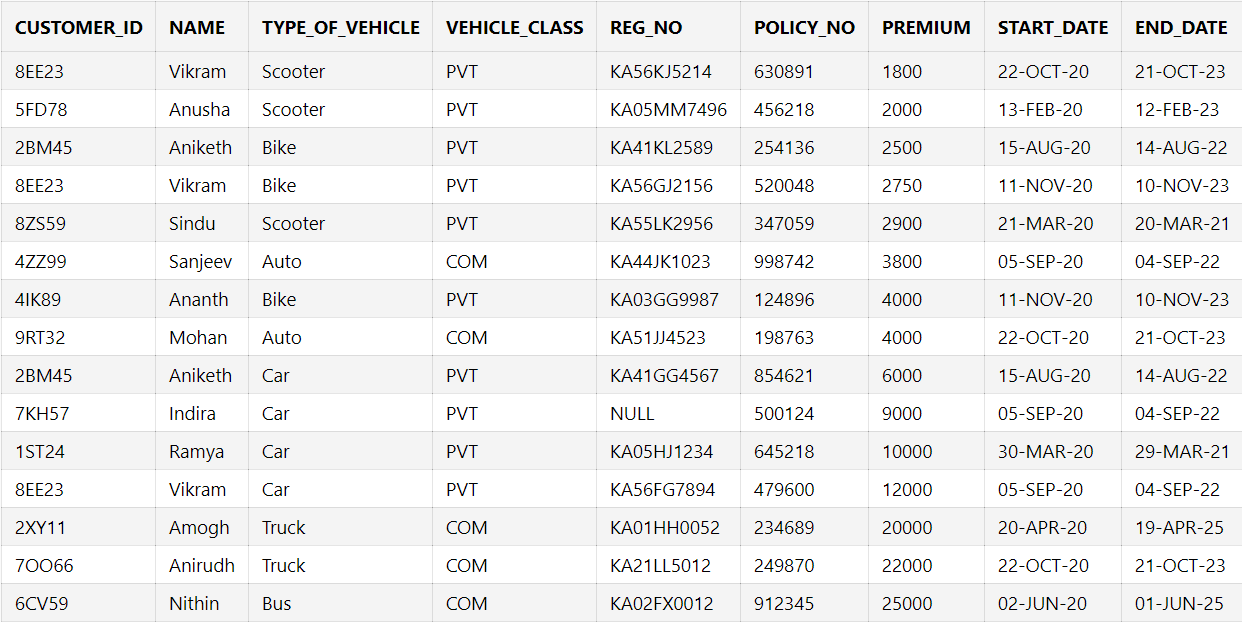
**UPDATE POLICY SET Reg\_no='KA55LK2956' where NAME='Sindu';**

**SELECT \* from POLICY where Reg\_no='KA55LK2956';**



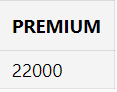
17. Sort all the records according to PREMIUM.

**SELECT \* from POLICY ORDER BY premium ASC;**

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18. Display the PREMIUM for the vehicle with policy\_no 249870.

**SELECT premium from POLICY where policy\_no = 249870;**

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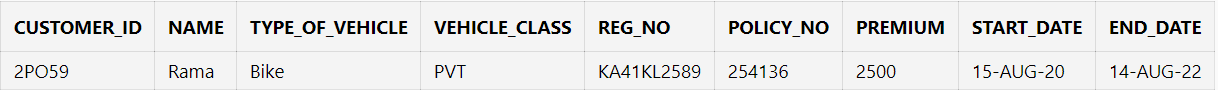
19. There was a name transfer for the vehicle with reg\_no KA41KL2589

Change the below details only and display:

* Name: Rama
* Customer\_id: 2PO59

**UPDATE POLICY set Customer\_id='2PO59',Name='Rama' where reg\_no='KA41KL2589';**

**SELECT \* from POLICY where reg\_no='KA41KL2589';**



20. Delete entry with customer\_id 2BM45 and policy\_no 854621.

**DELETE from POLICY where customer\_id= '2BM45' and policy\_no='854621';**

**Select \* from POLICY;**

