CAR RENTAL MANAGEMENT SYSTEM

ABSTRACT

Our Aim is to design and create a data management System for a car rental company. This enables admin can rent a vehicle that can be used by a customer This system increases customer retention and simplify vehicle and staff in an efficient way.

Car rental management system is a project which aims in developing a computerized system to maintain all the daily work of Car Rental . A car rental management system is an autonomous system that will preserve the records of all the cars available, cars rented, etc. The user can rent car based on its efficiency, performance, brand or cost. The dealer can make a lot of use of this system by providing the cars.

This Car rental management system with the integration of several modules provides an abstract data for the administrator and user of the system. It allows the booking of cars by the customers and the business could easily schedule and manage the request of the customers.

objective

The Main Objective of the Car rental Management System is to make it easy for the business owners to manage all their vehicles in one place. The business owner status. As a result, car rental management system reduces operating costs and also saves time.

STUCTURE OF TABLES

Cars Table:

```
MariaDB [emp]> desc cars;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| Car_id   | int(11)     | YES  |     | NULL    |       |
| Model    | varchar(20) | YES  |     | NULL    |       |
| Year     | int(11)     | YES  |     | NULL    |       |
| Category | varchar(20) | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
4 rows in set (0.241 sec)
```

Employee Table:

```
MariaDB [emp]> desc Employee;
+-----------------+-------------+------+-----+---------+-------+
| Field           | Type        | Null | Key | Default | Extra |
+-----------------+-------------+------+-----+---------+-------+
| Employee_Id     | int(11)     | YES  |     | NULL    |       |
| Employee_Number | int(11)     | YES  |     | NULL    |       |
| First_Name      | varchar(20) | YES  |     | NULL    |       |
| Last_Name       | varchar(20) | YES  |     | NULL    |       |
| salary          | int(11)     | YES  |     | NULL    |       |
+-----------------+-------------+------+-----+---------+-------+
5 rows in set (0.011 sec)
```

Customer Table:

```
MariaDB [emp]> desc customer;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| cust_id   | int(11)     | YES  |     | NULL    |       |
| Cust_Name | varchar(20) | YES  |     | NULL    |       |
| Address   | varchar(20) | YES  |     | NULL    |       |
| City      | varchar(20) | YES  |     | NULL    |       |
| Phone_no  | bigint(20)  | YES  |     | NULL    |       |
| email     | varchar(30) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
```

Rental_Order Table:

```
MariaDB [emp]> desc rental_orders;
+----------------+---------+------+-----+---------+-------+
| Field          | Type    | Null | Key | Default | Extra |
+----------------+---------+------+-----+---------+-------+
| Order_id       | int(11) | YES  |     | NULL    |       |
| cust_id        | int(11) | YES  |     | NULL    |       |
| employee_id    | int(11) | YES  |     | NULL    |       |
| car_id         | int(11) | YES  |     | NULL    |       |
| Rent_startdate | date    | YES  |     | NULL    |       |
| Rent_enddate   | date    | YES  |     | NULL    |       |
+----------------+---------+------+-----+---------+-------+
6 rows in set (0.030 sec)
```

Rental Rates Table:

```
MariaDB [emp]> desc rental_rates;
+----------+------------+------+-----+---------+-------+
| Field    | Type       | Null | Key | Default | Extra |
+----------+------------+------+-----+---------+-------+
| Order_id | int(11)    | YES  |     | NULL    |       |
| Rates    | bigint(20) | YES  |     | NULL    |       |
+----------+------------+------+-----+---------+-------+
2 rows in set (0.018 sec)
```

```
MariaDB [emp]> ALTER TABLE RENTAL_RATES ADD MAINTENANCE INT;
Query OK, 0 rows affected (0.027 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [emp]> DESC RENTAL_RATES;
+-------------+------------+------+-----+---------+-------+
| Field       | Type       | Null | Key | Default | Extra |
+-------------+------------+------+-----+---------+-------+
| Order_id    | int(11)    | YES  |     | NULL    |       |
| Rates       | bigint(20) | YES  |     | NULL    |       |
| MAINTENANCE | int(11)    | YES  |     | NULL    |       |
+-------------+------------+------+-----+---------+-------+
3 rows in set (0.021 sec)
```

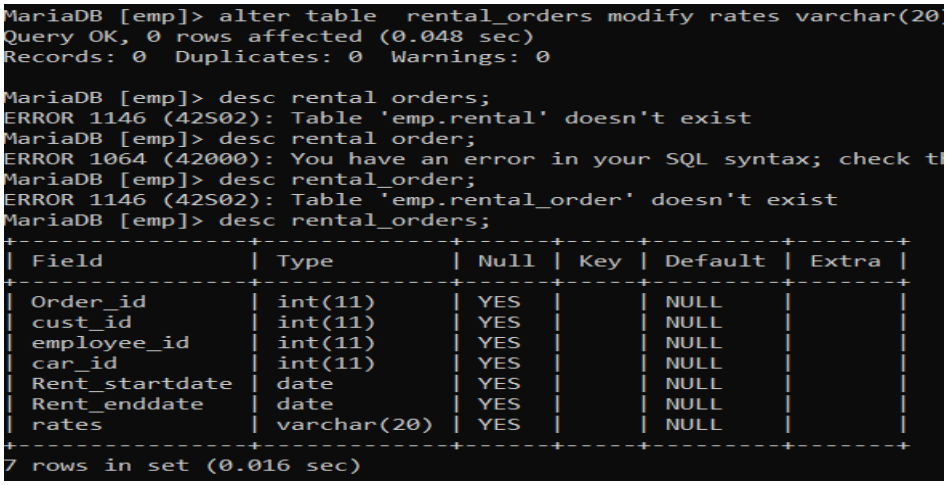
ALTER WITH ADD COLUMN

```
MariaDB [emp]> ALTER TABLE RENTAL_ORDERS ADD RATES bigint;
Query OK, 0 rows affected (0.024 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [emp]> desc rental_orders;
+----------------+------------+------+-----+---------+-------+
| Field          | Type       | Null | Key | Default | Extra |
+----------------+------------+------+-----+---------+-------+
| Order_id       | int(11)    | YES  |     | NULL    |       |
| cust_id        | int(11)    | YES  |     | NULL    |       |
| employee_id    | int(11)    | YES  |     | NULL    |       |
| car_id         | int(11)    | YES  |     | NULL    |       |
| Rent_startdate | date       | YES  |     | NULL    |       |
| Rent_enddate   | date       | YES  |     | NULL    |       |
| RATES          | bigint(20) | YES  |     | NULL    |       |
+----------------+------------+------+-----+---------+-------+
7 rows in set (0.015 sec)
```

The Basic syntax of an ALTER TABLE command to add a New Column in an already existing table is as follows:

- **ALTER TABLE table_name ADD column_name datatype;**

ALTER WITH MODIFY COLUMN



```
MariaDB [emp]> alter table  rental_orders modify rates varchar(20
Query OK, 0 rows affected (0.048 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [emp]> desc rental orders;
ERROR 1146 (42S02): Table 'emp.rental' doesn't exist
MariaDB [emp]> desc rental order;
ERROR 1064 (42000): You have an error in your SQL syntax; check t
MariaDB [emp]> desc rental_order;
ERROR 1146 (42S02): Table 'emp.rental_order' doesn't exist
MariaDB [emp]> desc rental_orders;
+----------------+-------------+------+-----+---------+-------+
| Field          | Type        | Null | Key | Default | Extra |
+----------------+-------------+------+-----+---------+-------+
| Order_id       | int(11)     | YES  |     | NULL    |       |
| cust_id        | int(11)     | YES  |     | NULL    |       |
| employee_id    | int(11)     | YES  |     | NULL    |       |
| car_id         | int(11)     | YES  |     | NULL    |       |
| Rent_startdate | date        | YES  |     | NULL    |       |
| Rent_enddate   | date        | YES  |     | NULL    |       |
| rates          | varchar(20) | YES  |     | NULL    |       |
+----------------+-------------+------+-----+---------+-------+
7 rows in set (0.016 sec)
```

The Modify keyword modifies the size, datatype and constraints of the existing field in SQL table. Syntax are as follows:

- **ALTER TABLE table_name MODIFY column_name datatype constraint;**

ALTER WITH DROP COLUMN

```
MariaDB [emp]> alter table rental_orders drop rates;
Query OK, 0 rows affected (0.027 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [emp]> esc rental_orders;
ERROR 1064 (42000): You have an error in your SQL syntax; check
MariaDB [emp]> desc rental_orders;
+----------------+---------+------+-----+---------+-------+
| Field          | Type    | Null | Key | Default | Extra |
+----------------+---------+------+-----+---------+-------+
| Order_id       | int(11) | YES  |     | NULL    |       |
| cust_id        | int(11) | YES  |     | NULL    |       |
| employee_id    | int(11) | YES  |     | NULL    |       |
| car_id         | int(11) | YES  |     | NULL    |       |
| Rent_startdate | date    | YES  |     | NULL    |       |
| Rent_enddate   | date    | YES  |     | NULL    |       |
+----------------+---------+------+-----+---------+-------+
6 rows in set (0.017 sec)
```

The Basic Syntax of an ALTER TABLE command to Drop column in an existing table are as follows

- **ALTER TABLE table_name DROP column_name**

CONTENTS OF TABLES

CARS:

```
MariaDB [emp]> SELECT * FROM CARS;
+--------+---------------------+------+-------------+
| Car_id | Model               | Year | Category    |
+--------+---------------------+------+-------------+
|      1 | MERCEDEZ BENZ       | 2008 | SEDAN       |
|      2 | SKODA OCTAVIA       | 2006 | SEDAN       |
|      3 | RENAULT MEGANE      | 2012 | SUV         |
|      4 | FORD MUSTANG        | 2007 | CONVERTIBLE |
|      5 | TATA NEXON          | 2017 | SUV         |
|      6 | AUDI A6             | 2018 | SEDAN       |
|      7 | TATA TIGOR          | 2019 | EV          |
|      8 | TESLA MODEL S       | 2021 | EV          |
|      9 | BMW XM              | 2016 | SUV         |
|     10 | AUDI RS             | 2015 | SUV         |
|     11 | TESLA MODEL X       | 2020 | EV          |
|     12 | BMW M4              | 2013 | CONVERTIBLE |
|     13 | FORD EDGE           | 2009 | SUV         |
|     14 | FORD GT             | 2010 | CONVERTIBLE |
|     15 | SKODA SLAVIA        | 2011 | SEDAN       |
|     16 | RENAULT DUSTER      | 2018 | SUV         |
|     17 | TATA ALTROZ         | 2020 | SEDAN       |
|     18 | MERCEDEZ AMZ        | 2016 | SEDAN       |
|     19 | LAMBORGINI URUS     | 2021 | SUV         |
|     20 | BMW XS              | 2009 | SEDAN       |
|     21 | LAMBORGINI GALLARDO | 2006 | CONVERTIBLE |
|     22 | BMW I4              | 2021 | EV          |
+--------+---------------------+------+-------------+
22 rows in set (0.000 sec)
```

EMPLOYEE:

```
MariaDB [emp]> SELECT * FROM EMPLOYEE;
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1001 |            7673 | VIRAJ      | SHEVDE    |  30000 |
|        1002 |            7384 | ROHAN      | SHINDE    |  28000 |
|        1003 |            6893 | NILESH     | PANDEY    |  25000 |
|        1004 |            9836 | OMKAR      | MITAKE    |  28000 |
|        1005 |            3947 | YASH       | BHOSALE   |  21000 |
|        1006 |            5288 | RANDEEP    | SINGH     |  23000 |
|        1007 |            8762 | SUSHANT    | GADE      |  25000 |
|        1008 |            2638 | VIDYA      | SHETTY    |  60000 |
|        1009 |            6384 | SUJAY      | SINGH     |  20000 |
|        1010 |            5738 | DHIRAJ     | AMIN      |  35000 |
|        1011 |            9839 | KAVYA      | NAIR      |  32000 |
|        1012 |            5384 | ROHIT      | BHANDARI  |  40000 |
|        1013 |            2394 | TANMAY     | BHAT      |  45000 |
|        1014 |            6384 | GOVIND     | BHASKAR   |  50000 |
|        1015 |            4379 | BHAVYA     | GANDHI    |  47000 |
|        1016 |            2339 | NEHA       | SONI      |  39000 |
|        1017 |            6660 | VAIBHAV    | IKKE      |  28000 |
|        1018 |            7722 | SHREYA     | IYER      |  45000 |
|        1019 |            5503 | RIDHI      | NAMBIAR   |  40000 |
|        1020 |            8883 | RAHUL      | MHATRE    |  50000 |
+-------------+-----------------+------------+-----------+--------+
20 rows in set (0.000 sec)
```

CUSTOMER:

```
MariaDB [emp]> select * from customer;
+---------+------------------+---------------+-----------+------------+--------------------+
| cust_id | Cust_Name        | Address       | City      | Phone_no   | email              |
+---------+------------------+---------------+-----------+------------+--------------------+
|     101 | BHASKAR NARAYAN  | GOVIND ROAD   | THANE     |    7497839 | narayan@gmail.com  |
|     102 | UDIT MITTAL      | LOKMANYA NAGAR| PUNE      |    6383799 | MITTAL@gmail.com   |
|     103 | MAHESH BHUPATTI  | MIRA ROAD     | MUMBAI    |     537748 | bhupati@gmail.com  |
|     104 | AMAN GUPTA       | GANDHI NAGAR  | DELHI     |   68886385 | amangupta@gmail.com|
|     105 | SHRUTI SINGH     | ARUNA NAHAR   | LUCKNOW   |    4757477 | NULL               |
|     106 | ASHISH MAURYA    | LALA NAGAR    | DELHI     |     537328 | NULL               |
|     107 | NEHA DUPIA       | ARVIND ROAD   | MUMBAI    |    3567736 | Neh_dup@gmail.com  |
|     108 | ASHOK LEYLAND    | GANDHI NAGAR  | PUNE      |    2737353 | Leyland@gmail.com  |
|     109 | BAICHAND BHUTIA  | DATTA ROAD    | CHENNAI   |    5778823 | NULL               |
|     110 | SIEGFREID MATHEWS| BORIS CHURCH  | GOA       |    7738394 | Mathews@gmail.com  |
|     111 | JAMAL MUSIALA    | RAMIZ MOSQUE  | LUCKNOW   |    7499468 | NULL               |
|     112 | YUSUF PATHAN     | NAWAZ ROAD    | HYDERABAD |    7593998 | Yusuf@gmail.com    |
|     113 | DHARMESH GANDHI  | CARWA NAGAR   | AHMEDABAD |    6399483 | dharmesh@gmail.com |
|     114 | VIDYUT NARAYAN   | NOIDA ROAD    | NOIDA     |   34848090 | Vidyut@gmail.com   |
|     115 | PAWAN RATHORE    | JAI NAGAR     | JAIPUR    | 8990098833 | pRATHORE@gmail.com |
|     116 | PIYUSH BHANSAL   | PALLAV TOWER  | BANGALORE |   10048883 | piybansal@gmail.com|
|     117 | PARAG DESAI      | GANHI NAGAR   | DELHI     |    8883994 | Pdesai@gmail.com   |
|     118 | RAVEENA KHANNA   | JUHU          | MUMBAI    |    7733843 | Khanna@gmail.com   |
|     119 | POOJA NAIR       | NANDA PALACE  | CHENNAI   |     738843 | NULL               |
|     120 | VISHAL KANOJIA   | AZAD NAGAR    | CHENNAI   |  555537737 | Kanaojia@gmail.com |
+---------+------------------+---------------+-----------+------------+--------------------+
20 rows in set (0.000 sec)
```

RENTAL ORDERS:

```
MariaDB [emp]> Select*from rental_ORDERS;
+----------+---------+-------------+--------+----------------+--------------+
| Order_id | cust_id | employee_id | car_id | Rent_startdate | Rent_enddate |
+----------+---------+-------------+--------+----------------+--------------+
|     9001 |     103 |        1010 |      7 | 2022-04-17     | 2022-06-13   |
|     9002 |     119 |        1003 |     20 | 2022-05-16     | 2022-07-11   |
|     9003 |     104 |        1010 |     13 | 2022-04-07     | 2022-05-14   |
|     9004 |     111 |        1005 |      4 | 2022-03-09     | 2022-06-12   |
|     9005 |     114 |        1016 |     21 | 2022-05-16     | 2022-09-17   |
|     9006 |     108 |        1006 |     18 | 2022-04-11     | 2022-08-18   |
|     9007 |     116 |        1014 |     15 | 2022-08-21     | 2022-10-11   |
|     9008 |     106 |        1018 |      9 | 2022-05-27     | 2022-09-19   |
|     9009 |     112 |        1007 |     19 | 2022-04-11     | 2022-08-07   |
|     9010 |     101 |        1013 |      5 | 2022-08-13     | 2022-09-16   |
|     9011 |     117 |        1015 |     22 | 2022-07-13     | 2022-11-18   |
|     9012 |     115 |        1011 |      1 | 2022-05-14     | 2022-08-06   |
|     9013 |     110 |        1014 |     17 | 2022-06-14     | 2022-08-25   |
|     9014 |     118 |        1012 |      3 | 2022-04-18     | 2022-07-15   |
|     9015 |     120 |        1020 |     14 | 2022-03-18     | 2022-07-19   |
|     9016 |     109 |        1010 |     10 | 2022-06-08     | 2022-10-07   |
|     9017 |     102 |        1004 |      6 | 2022-06-04     | 2022-07-17   |
|     9018 |     113 |        1019 |     11 | 2022-05-18     | 2022-09-09   |
|     9019 |     105 |        1016 |      8 | 2022-04-02     | 2022-09-07   |
|     9020 |     107 |        1001 |      2 | 2022-04-23     | 2022-11-11   |
+----------+---------+-------------+--------+----------------+--------------+
20 rows in set (0.001 sec)
```

RENTAL RATES:

```
MariaDB [emp]> SELECT * FROM RENTAL_RATES;
+----------+-------+-------------+
| Order_id | Rates | MAINTENANCE |
+----------+-------+-------------+
|     9001 | 40000 |        3500 |
|     9002 | 52000 |        3000 |
|     9003 | 45000 |        2500 |
|     9004 | 60000 |        4000 |
|     9005 | 65000 |        5500 |
|     9006 | 55000 |        4000 |
|     9007 | 35000 |        3000 |
|     9008 | 45000 |        2000 |
|     9009 | 52000 |        4200 |
|     9010 | 20000 |         800 |
|     9011 | 43000 |        2700 |
|     9012 | 38000 |        3400 |
|     9013 | 51000 |        2100 |
|     9014 | 41000 |        1600 |
|     9015 | 48000 |        3600 |
|     9016 | 54000 |        4200 |
|     9017 | 19000 |        1000 |
|     9018 | 46000 |        4100 |
|     9019 | 64000 |        5500 |
|     9020 | 80000 |        7500 |
+----------+-------+-------------+
20 rows in set (0.001 sec)
```

ADDING CONSTRAINT AFTER CREATING TABLE

```
MariaDB [emp]> ALTER TABLE CUSTOMER ADD CONSTRAINT uk_cust UNIQUE(Phone_no,email);
Query OK, 0 rows affected, 1 warning (0.024 sec)
Records: 0  Duplicates: 0  Warnings: 1

MariaDB [emp]> desc customer;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| cust_id   | int(11)     | YES  |     | NULL    |       |
| Cust_Name | varchar(20) | YES  |     | NULL    |       |
| Address   | varchar(20) | YES  |     | NULL    |       |
| City      | varchar(20) | YES  |     | NULL    |       |
| Phone_no  | bigint(20)  | YES  | MUL | NULL    |       |
| email     | varchar(30) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
6 rows in set (0.014 sec)
```

Syntax: ALTER TABLE table_name CONSTRAINT constraint_name (column_name)

```
MariaDB [emp]> desc customer;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| cust_id   | int(11)     | NO   | PRI | NULL    |       |
| Cust_Name | varchar(20) | YES  |     | NULL    |       |
| Address   | varchar(20) | YES  |     | NULL    |       |
| City      | varchar(20) | YES  |     | NULL    |       |
| Phone_no  | bigint(20)  | YES  | MUL | NULL    |       |
| email     | varchar(30) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
```

CLAUSES, OPERATORS AND FUNCTIONS

WHERE CLAUSE AND COMPARISON OPERATORS:

1. FIND THE EMPLOYEE WHOSE ID IS 1010.

```
MariaDB [emp]> SELECT * FROM EMPLOYEE WHERE EMPLOYEE_ID =1010;
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1010 |            5738 | DHIRAJ     | AMIN      |  35000 |
+-------------+-----------------+------------+-----------+--------+
1 row in set (0.010 sec)
```

2. FIND CUSTOMERS WHO LIVE IN DELHI.

```
MariaDB [emp]> SELECT * FROM CUSTOMER WHERE CITY="DELHI"
    -> ;
+---------+---------------+--------------+-------+----------+---------------------+
| cust_id | Cust_Name     | Address      | City  | Phone_no | email               |
+---------+---------------+--------------+-------+----------+---------------------+
|     104 | AMAN GUPTA    | GANDHI NAGAR | DELHI | 68886385 | amangupta@gmail.com |
|     106 | ASHISH MAURYA | LALA NAGAR   | DELHI |   537328 | NULL                |
|     117 | PARAG DESAI   | GANHI NAGAR  | DELHI |  8883994 | Pdesai@gmail.com    |
+---------+---------------+--------------+-------+----------+---------------------+
3 rows in set (0.013 sec)
```

3. FIND EMPLOYEE WHOSE SALARY IS GREATER THAN 35000.

```
MariaDB [emp]> SELECT * FROM EMPLOYEE WHERE SALARY>35000;
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1008 |            2638 | VIDYA      | SHETTY    |  60000 |
|        1012 |            5384 | ROHIT      | BHANDARI  |  40000 |
|        1013 |            2394 | TANMAY     | BHAT      |  45000 |
|        1014 |            6384 | GOVIND     | BHASKAR   |  50000 |
|        1015 |            4379 | BHAVYA     | GANDHI    |  47000 |
|        1016 |            2339 | NEHA       | SONI      |  39000 |
|        1018 |            7722 | SHREYA     | IYER      |  45000 |
|        1019 |            5503 | RIDHI      | NAMBIAR   |  40000 |
|        1020 |            8883 | RAHUL      | MHATRE    |  50000 |
+-------------+-----------------+------------+-----------+--------+
9 rows in set (0.001 sec)
```

4. FIND EMPLOYEES WHOSE SALARY IS LESS THAN 25000.

```
MariaDB [emp]> SELECT * FROM EMPLOYEE WHERE SALARY<25000;
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1005 |            3947 | YASH       | BHOSALE   |  21000 |
|        1006 |            5288 | RANDEEP    | SINGH     |  23000 |
|        1009 |            6384 | SUJAY      | SINGH     |  20000 |
+-------------+-----------------+------------+-----------+--------+
3 rows in set (0.001 sec)
```

IN, NOT IN, BETWEEN, LIKE and NOT LIKE OPERATORS:

1.FIND CUSTOMERS WHO LIVE IN MUMBAI AND PUNE.

```
MariaDB [emp]> SELECT * FROM CUSTOMER WHERE CITY IN("MUMBAI","PUNE");
+---------+----------------+----------------+--------+----------+--------------------+
| cust_id | Cust_Name      | Address        | City   | Phone_no | email              |
+---------+----------------+----------------+--------+----------+--------------------+
|     102 | UDIT MITTAL    | LOKMANYA NAGAR | PUNE   |  6383799 | MITTAL@gmail.com   |
|     103 | MAHESH BHUPATTI| MIRA ROAD      | MUMBAI |   537748 | bhupati@gmail.com  |
|     107 | NEHA DUPIA     | ARVIND ROAD    | MUMBAI |  3567736 | Neh_dup@gmail.com  |
|     108 | ASHOK LEYLAND  | GANDHI NAGAR   | PUNE   |  2737353 | Leyland@gmail.com  |
|     118 | RAVEENA KHANNA | JUHU           | MUMBAI |  7733843 | Khanna@gmail.com   |
+---------+----------------+----------------+--------+----------+--------------------+
5 rows in set (0.009 sec)
```

2. FIND ADDRESS OF CUSTOMER WHO DO NOT LIVE IN MUMBAI AND PUNE.

```
MariaDB [emp]> SELECT Address FROM customer WHERE CITY NOT IN("MUMBAI","PUNE");
+---------------+
| Address       |
+---------------+
| GOVIND ROAD   |
| GANDHI NAGAR  |
| ARUNA NAHAR   |
| LALA NAGAR    |
| DATTA ROAD    |
| BORIS CHURCH  |
| RAMIZ MOSQUE  |
| NAWAZ ROAD    |
| CARWA NAGAR   |
| NOIDA ROAD    |
| JAI NAGAR     |
| PALLAV TOWER  |
| GANHI NAGAR   |
| NANDA PALACE  |
| AZAD NAGAR    |
+---------------+
15 rows in set (0.000 sec)
```

3. FIND THE FIRST NAME, LAST NAME AND SALARY OF EMPLOYEE WHOSE SALARY IS BETWEEN 40000-60000.

```
MariaDB [emp]> SELECT FIRST_NAME,LAST_NAME,SALARY FROM EMPLOYEE WHERE SALARY BETWEEN 40000 AND 60000;
+------------+-----------+--------+
| FIRST_NAME | LAST_NAME | SALARY |
+------------+-----------+--------+
| VIDYA      | SHETTY    |  60000 |
| ROHIT      | BHANDARI  |  40000 |
| TANMAY     | BHAT      |  45000 |
| GOVIND     | BHASKAR   |  50000 |
| BHAVYA     | GANDHI    |  47000 |
| SHREYA     | IYER      |  45000 |
| RIDHI      | NAMBIAR   |  40000 |
| RAHUL      | MHATRE    |  50000 |
+------------+-----------+--------+
8 rows in set (0.000 sec)
```

4.FIND A CAR FROM TATA COMPANY.

```
MariaDB [emp]> SELECT * FROM CARS WHERE MODEL LIKE"TATA%";
+--------+--------------+------+-----------+
| Car_id | Model        | Year | Category |
+--------+--------------+------+-----------+
|      5 | TATA NEXON   | 2017 | SUV       |
|      7 | TATA TIGOR   | 2019 | EV        |
|     17 | TATA ALTROZ  | 2020 | SEDAN     |
+--------+--------------+------+-----------+
3 rows in set (0.003 sec)
```

5. FIND A CAR FROM TATA COMPANY EXCLUDING NEXON.

```
MariaDB [emp]> SELECT * FROM CARS WHERE MODEL LIKE"TATA%" AND MODEL NOT LIKE"%NEXON";
+--------+-------------+------+----------+
| Car_id | Model       | Year | Category |
+--------+-------------+------+----------+
|      7 | TATA TIGOR  | 2019 | EV       |
|     17 | TATA ALTROZ | 2020 | SEDAN    |
+--------+-------------+------+----------+
2 rows in set (0.003 sec)
```

ORDER BY CLAUSE:

1. FIND THE TOP 3 SALARY EARNERS FROM EMPLOYEE.

```
MariaDB [emp]> SELECT * FROM EMPLOYEE ORDER BY SALARY DESC LIMIT 3;
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1008 |            2638 | VIDYA      | SHETTY    |  60000 |
|        1020 |            8883 | RAHUL      | MHATRE    |  50000 |
|        1014 |            6384 | GOVIND     | BHASKAR   |  50000 |
+-------------+-----------------+------------+-----------+--------+
3 rows in set (0.000 sec)
```

2. FIND THE FIVE LEAST EARNING EMPLOYEES.

```
MariaDB [emp]> SELECT * FROM EMPLOYEE ORDER BY SALARY LIMIT 5;
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1009 |            6384 | SUJAY      | SINGH     |  20000 |
|        1005 |            3947 | YASH       | BHOSALE   |  21000 |
|        1006 |            5288 | RANDEEP    | SINGH     |  23000 |
|        1007 |            8762 | SUSHANT    | GADE      |  25000 |
|        1003 |            6893 | NILESH     | PANDEY    |  25000 |
+-------------+-----------------+------------+-----------+--------+
5 rows in set (0.001 sec)
```

3. FIND THE ORDER_ID OF TOP 3 HIGHEST AMOUNT OF PURCHASE.

```
MariaDB [emp]> SELECT ORDER_ID FROM RENTAL_RATES ORDER BY RATES DESC LIMIT 3;
+----------+
| ORDER_ID |
+----------+
|     9020 |
|     9005 |
|     9019 |
+----------+
3 rows in set (0.001 sec)
```

FUNCTIONS:

1.DISPLAY THE FIRST NAME AND LAST NAME OF EMPLOYEE AS EMPLOYEE_FULL_NAME.

```
MariaDB [emp]> SELECT CONCAT(First_Name," ",Last_Name) as employee_full_name from employee;
+--------------------+
| employee_full_name |
+--------------------+
| VIRAJ SHEVDE       |
| ROHAN SHINDE       |
| NILESH PANDEY      |
| OMKAR MITAKE       |
| YASH BHOSALE       |
| RANDEEP SINGH      |
| SUSHANT GADE       |
| VIDYA SHETTY       |
| SUJAY SINGH        |
| DHIRAJ AMIN        |
| KAVYA NAIR         |
| ROHIT BHANDARI     |
| TANMAY BHAT        |
| GOVIND BHASKAR     |
| BHAVYA GANDHI      |
| NEHA SONI          |
| VAIBHAV IKKE       |
| SHREYA IYER        |
| RIDHI NAMBIAR      |
| RAHUL MHATRE       |
+--------------------+
20 rows in set (0.000 sec)
```

2. FIND THE NUMBER OF CHARACTERS EACH CUSTOMERS HAVE IN THEIR NAME.

```
MariaDB [emp]> SELECT LENGTH(CUST_NAME) FROM CUSTOMER;
+--------------------+
| LENGTH(CUST_NAME)  |
+--------------------+
|                 15 |
|                 11 |
|                 15 |
|                 10 |
|                 12 |
|                 13 |
|                 10 |
|                 13 |
|                 15 |
|                 17 |
|                 13 |
|                 12 |
|                 15 |
|                 14 |
|                 13 |
|                 14 |
|                 11 |
|                 14 |
|                 10 |
|                 14 |
+--------------------+
20 rows in set (0.182 sec)
```

3.FIND THE TOTAL SUM OF THE SALARY OF THE EMPLOYEES.

```
MariaDB [emp]> SELECT SUM(SALARY) AS TOTAL_SALARY FROM EMPLOYEE;
+--------------+
| TOTAL_SALARY |
+--------------+
|       711000 |
+--------------+
1 row in set (0.001 sec)
```

4. FIND THE NUMBER OF DAYS THE CUSTOMERS RENTED THE CAR.

```
MariaDB [emp]> select *,datediff(rent_enddate,rent_startdate) as no_of_days_rented from rental_orders;
+----------+---------+-------------+--------+----------------+--------------+-------------------+
| Order_id | cust_id | employee_id | car_id | Rent_startdate | Rent_enddate | no_of_days_rented |
+----------+---------+-------------+--------+----------------+--------------+-------------------+
|     9001 |     103 |        1010 |      7 | 2022-04-17     | 2022-06-13   |                57 |
|     9002 |     119 |        1003 |     20 | 2022-05-16     | 2022-07-11   |                56 |
|     9003 |     104 |        1010 |     13 | 2022-04-07     | 2022-05-14   |                37 |
|     9004 |     111 |        1005 |      4 | 2022-03-09     | 2022-06-12   |                95 |
|     9005 |     114 |        1016 |     21 | 2022-05-16     | 2022-09-17   |               124 |
|     9006 |     108 |        1006 |     18 | 2022-04-11     | 2022-08-18   |               129 |
|     9007 |     116 |        1014 |     15 | 2022-08-21     | 2022-10-11   |                51 |
|     9008 |     106 |        1018 |      9 | 2022-05-27     | 2022-09-19   |               115 |
|     9009 |     112 |        1007 |     19 | 2022-04-11     | 2022-08-07   |               118 |
|     9010 |     101 |        1013 |      5 | 2022-08-13     | 2022-09-16   |                34 |
|     9011 |     117 |        1015 |     22 | 2022-07-13     | 2022-11-18   |               128 |
|     9012 |     115 |        1011 |      1 | 2022-05-14     | 2022-08-06   |                84 |
|     9013 |     110 |        1014 |     17 | 2022-06-14     | 2022-08-25   |                72 |
|     9014 |     118 |        1012 |      3 | 2022-04-18     | 2022-07-15   |                88 |
|     9015 |     120 |        1020 |     14 | 2022-03-18     | 2022-07-19   |               123 |
|     9016 |     109 |        1010 |     10 | 2022-06-08     | 2022-10-07   |               121 |
|     9017 |     102 |        1004 |      6 | 2022-06-04     | 2022-07-17   |                43 |
|     9018 |     113 |        1019 |     11 | 2022-05-18     | 2022-09-09   |               114 |
|     9019 |     105 |        1016 |      8 | 2022-04-02     | 2022-09-07   |               158 |
|     9020 |     107 |        1001 |      2 | 2022-04-23     | 2022-11-11   |               202 |
+----------+---------+-------------+--------+----------------+--------------+-------------------+
20 rows in set (0.001 sec)
```

JOINS

1. FIND THE NAME OF THE CUSTOMER AND THE MODEL OF THE CAR HE PURCHASED ALONG WITH ITS PRICE AND THE NAME OF THE EMPLOYEE HE PURCHASED IT FROM.

```
MariaDB [emp]> select o.order_id,c.model,u.cust_name,e.first_name as employee_name,r.rates from rental_orders o JOIN cars c ON o.Car_id=c.Car_id JOIN rental_rates r ON o.order_id=r.order_id  JOIN customer u ON o
.cust_id=u.cust_id join employee e ON o.employee_id=e.Employee_id;
+----------+--------------------+-----------------+---------------+-------+
| order_id | model              | cust_name       | employee_name | rates |
+----------+--------------------+-----------------+---------------+-------+
|     9012 | MERCEDEZ BENZ      | PAWAN RATHORE   | KAVYA         | 38000 |
|     9020 | SKODA OCTAVIA      | NEHA DUPIA      | VIRAJ         | 80000 |
|     9014 | RENAULT MEGANE     | RAVEENA KHANNA  | ROHIT         | 41000 |
|     9004 | FORD MUSTANG       | JAMAL MUSIALA   | YASH          | 60000 |
|     9010 | TATA NEXON         | BHASKAR NARAYAN | TANMAY        | 20000 |
|     9017 | AUDI A6            | UDIT MITTAL     | OMKAR         | 19000 |
|     9001 | TATA TIGOR         | MAHESH BHUPATTI | DHIRAJ        | 40000 |
|     9019 | TESLA MODEL S      | SHRUTI SINGH    | NEHA          | 64000 |
|     9008 | BMW XM             | ASHISH MAURYA   | SHREYA        | 45000 |
|     9016 | AUDI RS            | BAICHAND BHUTIA | DHIRAJ        | 54000 |
|     9018 | TESLA MODEL X      | DHARMESH GANDHI | RIDHI         | 46000 |
|     9003 | FORD EDGE          | AMAN GUPTA      | DHIRAJ        | 45000 |
|     9015 | FORD GT            | VISHAL KANOJIA  | RAHUL         | 48000 |
|     9007 | SKODA SLAVIA       | PIYUSH BHANSAL  | GOVIND        | 35000 |
|     9013 | TATA ALTROZ        | SIEGFREID MATHEWS | GOVIND      | 51000 |
|     9006 | MERCEDEZ AMZ       | ASHOK LEYLAND   | RANDEEP       | 55000 |
|     9009 | LAMBORGINI URUS    | YUSUF PATHAN    | SUSHANT       | 52000 |
|     9002 | BMW XS             | POOJA NAIR      | NILESH        | 52000 |
|     9005 | LAMBORGINI GALLARDO | VIDYUT NARAYAN | NEHA          | 65000 |
|     9011 | BMW I4             | PARAG DESAI     | BHAVYA        | 43000 |
+----------+--------------------+-----------------+---------------+-------+
20 rows in set (0.001 sec)
```

2. FIND THE NAME OF THE CAR THAT AND ITS RATES AND MAINTAINANCE COST.

```
MariaDB [emp]> select o.order_id,c.model,r.rates,r.MAINTENANCE from rental_orders o join cars c on o.car_id=c.car_id join rental_rates r on o.order_id=r.order_id;
+----------+--------------------+-------+-------------+
| order_id | model              | rates | MAINTENANCE |
+----------+--------------------+-------+-------------+
|     9012 | MERCEDEZ BENZ      | 38000 |        3400 |
|     9020 | SKODA OCTAVIA      | 80000 |        7500 |
|     9014 | RENAULT MEGANE     | 41000 |        1600 |
|     9004 | FORD MUSTANG       | 60000 |        4000 |
|     9010 | TATA NEXON         | 20000 |         800 |
|     9017 | AUDI A6            | 19000 |        1000 |
|     9001 | TATA TIGOR         | 40000 |        3500 |
|     9019 | TESLA MODEL S      | 64000 |        5500 |
|     9008 | BMW XM             | 45000 |        2000 |
|     9016 | AUDI RS            | 54000 |        4200 |
|     9018 | TESLA MODEL X      | 46000 |        4100 |
|     9003 | FORD EDGE          | 45000 |        2500 |
|     9015 | FORD GT            | 48000 |        3600 |
|     9007 | SKODA SLAVIA       | 35000 |        3000 |
|     9013 | TATA ALTROZ        | 51000 |        2100 |
|     9006 | MERCEDEZ AMZ       | 55000 |        4000 |
|     9009 | LAMBORGINI URUS    | 52000 |        4200 |
|     9002 | BMW XS             | 52000 |        3000 |
|     9005 | LAMBORGINI GALLARDO | 65000 |        5500 |
|     9011 | BMW I4             | 43000 |        2700 |
+----------+--------------------+-------+-------------+
20 rows in set (0.000 sec)
```

3. FIND THE MODEL OF THE CAR THAT HAS NOT BEEN SOLD BY PERFORMING A JOIN

```
MariaDB [emp]> select o.Order_id,c.MODEL  FROM rental_orders o right join cars c on o.car_id=c.car_id where order_id is null;
+----------+----------------+
| Order_id | MODEL          |
+----------+----------------+
|     NULL | BMW M4         |
|     NULL | RENAULT DUSTER |
+----------+----------------+
2 rows in set (0.001 sec)
```

4. SHOW THE ORDER_ID OF EVERY CARS IN THE COMPANY BY PERFORMING JOINS.

```
MariaDB [emp]> select o.Order_id,c.MODEL  FROM rental_orders o right join cars c on o.car_id=c.car_id UNION  select o.Order_id,c.MODEL  FROM rental_orders o LEFT join cars c on o.car_id=c.car_id;
+----------+--------------------+
| Order_id | MODEL              |
+----------+--------------------+
|     9010 | TATA NEXON         |
|     9017 | AUDI A6            |
|     9001 | TATA TIGOR         |
|     9003 | FORD EDGE          |
|     9019 | TESLA MODEL S      |
|     9008 | BMW XM             |
|     9020 | SKODA OCTAVIA      |
|     9006 | MERCEDEZ AMZ       |
|     9016 | AUDI RS            |
|     9013 | TATA ALTROZ        |
|     9004 | FORD MUSTANG       |
|     9009 | LAMBORGINI URUS    |
|     9018 | TESLA MODEL X      |
|     9005 | LAMBORGINI GALLARDO |
|     9012 | MERCEDEZ BENZ      |
|     9007 | SKODA SLAVIA       |
|     9011 | BMW I4             |
|     9014 | RENAULT MEGANE     |
|     9002 | BMW XS             |
|     9015 | FORD GT            |
|     NULL | BMW M4             |
|     NULL | RENAULT DUSTER     |
+----------+--------------------+
22 rows in set (0.045 sec)
```

SUBQUERY

1. FIND THE NAMES OF EMPLOYEES WHO HAVE NOT MADE ANY SALES.

```
MariaDB [emp]> SELECT * FROM EMPLOYEE E WHERE EMPLOYEE_ID NOT IN(SELECT EMPLOYEE_ID FROM RENTAL_ORDERS R WHERE R.EMPLOYEE_ID=E.EMPLOYEE_ID )
    -> ;
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1002 |            7384 | ROHAN      | SHINDE    |  28000 |
|        1008 |            2638 | VIDYA      | SHETTY    |  60000 |
|        1009 |            6384 | SUJAY      | SINGH     |  20000 |
|        1017 |            6660 | VAIBHAV    | IKKE      |  28000 |
+-------------+-----------------+------------+-----------+--------+
4 rows in set (0.005 sec)
```

2. FIND THE DETAILS OF EMPLOYEES WHOSE SALARY IS LESSER THAN VAIBHAV IKKE.

```
MariaDB [emp]> SELECT * FROM EMPLOYEE WHERE SALARY<(SELECT SALARY FROM EMPLOYEE WHERE FIRST_NAME="VAIBHAV" AND LAST_NAME="IKKE");
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1003 |            6893 | NILESH     | PANDEY    |  25000 |
|        1005 |            3947 | YASH       | BHOSALE   |  21000 |
|        1006 |            5288 | RANDEEP    | SINGH     |  23000 |
|        1007 |            8762 | SUSHANT    | GADE      |  25000 |
|        1009 |            6384 | SUJAY      | SINGH     |  20000 |
+-------------+-----------------+------------+-----------+--------+
5 rows in set (0.011 sec)
```

3. FIND THE NAME AND PHONE NO OF CUSTOMERS WHO LIVE IN EITHER MUMBAI OR BANGALORE.

```
MariaDB [emp]> select cust_name,phone_no from customer where city in(select city from customer where city="mumbai" or city="bangalore");
+-----------------+----------+
| cust_name       | phone_no |
+-----------------+----------+
| MAHESH BHUPATTI |   537748 |
| NEHA DUPIA      |  3567736 |
| PIYUSH BHANSAL  | 10048883 |
| RAVEENA KHANNA  |  7733843 |
+-----------------+----------+
4 rows in set (0.004 sec)
```

4. FIND THE MINIMUM AND THE MAXIMUM SALARY EARNER IN A SINGLE QUERY.

```
ariaDB [emp]> SELECT * FROM EMPLOYEE WHERE SALARY=(SELECT MAX(SALARY) FROM EMPLOYEE) OR SALARY=(SELECT MIN(SALARY) FRO
EMPLOYEE);
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1008 |            2638 | VIDYA      | SHETTY    |  60000 |
|        1009 |            6384 | SUJAY      | SINGH     |  20000 |
+-------------+-----------------+------------+-----------+--------+
2 rows in set (0.001 sec)
```

5. FIND THE DETAILS OF EV CARS WHICH WAS PRODUCED IN THE TIME SPAN OF YEAR 2010 TO 2020.

```
MariaDB [emp]> SELECT * FROM CARS WHERE(MODEL,YEAR) IN(SELECT MODEL,YEAR FROM CARS WHERE YEAR BETWEEN 2010 AND 2020 AND CATEGORY="EV");
+--------+---------------+------+----------+
| Car_id | Model         | Year | Category |
+--------+---------------+------+----------+
|      7 | TATA TIGOR    | 2019 | EV       |
|     11 | TESLA MODEL X | 2020 | EV       |
+--------+---------------+------+----------+
2 rows in set (0.007 sec)
```

VIEWS

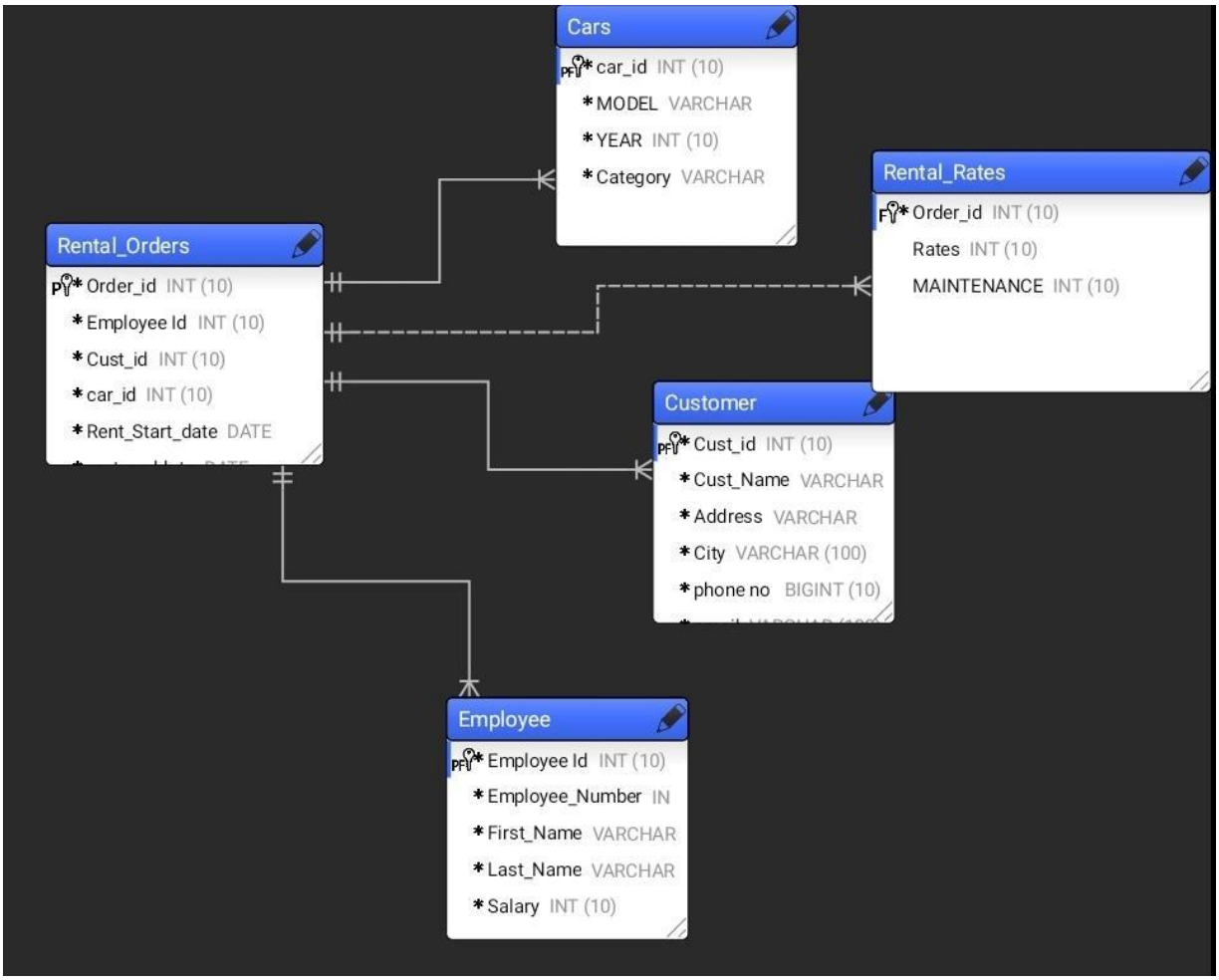
1. CREATE A SIMPLE VIRTUAL TABLE OF EMPLOYEE TABLE.

```
MariaDB [emp]> CREATE VIEW EMP1 AS SELECT * FROM EMPLOYEE;
Query OK, 0 rows affected (0.107 sec)

MariaDB [emp]> SELECT * FROM EMP1;
+-------------+-----------------+------------+-----------+--------+
| Employee_Id | Employee_Number | First_Name | Last_Name | salary |
+-------------+-----------------+------------+-----------+--------+
|        1001 |            7673 | VIRAJ      | SHEVDE    |  30000 |
|        1002 |            7384 | ROHAN      | SHINDE    |  28000 |
|        1003 |            6893 | NILESH     | PANDEY    |  25000 |
|        1004 |            9836 | OMKAR      | MITAKE    |  28000 |
|        1005 |            3947 | YASH       | BHOSALE   |  21000 |
|        1006 |            5288 | RANDEEP    | SINGH     |  23000 |
|        1007 |            8762 | SUSHANT    | GADE      |  25000 |
|        1008 |            2638 | VIDYA      | SHETTY    |  60000 |
|        1009 |            6384 | SUJAY      | SINGH     |  20000 |
|        1010 |            5738 | DHIRAJ     | AMIN      |  35000 |
|        1011 |            9839 | KAVYA      | NAIR      |  32000 |
|        1012 |            5384 | ROHIT      | BHANDARI  |  40000 |
|        1013 |            2394 | TANMAY     | BHAT      |  45000 |
|        1014 |            6384 | GOVIND     | BHASKAR   |  50000 |
|        1015 |            4379 | BHAVYA     | GANDHI    |  47000 |
|        1016 |            2339 | NEHA       | SONI      |  39000 |
|        1017 |            6660 | VAIBHAV    | IKKE      |  28000 |
|        1018 |            7722 | SHREYA     | IYER      |  45000 |
|        1019 |            5503 | RIDHI      | NAMBIAR   |  40000 |
|        1020 |            8883 | RAHUL      | MHATRE    |  50000 |
+-------------+-----------------+------------+-----------+--------+
20 rows in set (0.002 sec)
```

2. CREATE A VIRTUAL TABLE USING MULTIPLE TABLE OF CUSTOMER NAME, ORDER ID , RATES AND CUSTOMER ID.

```
MariaDB [emp]> CREATE VIEW GOR AS SELECT CARS.MODEL,RENTAL_ORDERS.RENT_STARTDATE,RENTAL_ORDERS.RENT_ENDDATE FROM CARS,RENTAL_ORDERS WHERE CARS.CAR_ID=RENTAL_ORDERS.CAR_ID;
Query OK, 0 rows affected (0.018 sec)

MariaDB [emp]> SELECT * FROM GOR;
+--------------------+---------------+-------------+
| MODEL              | RENT_STARTDATE | RENT_ENDDATE |
+--------------------+---------------+-------------+
| MERCEDEZ BENZ      | 2022-05-14    | 2022-08-06  |
| SKODA OCTAVIA      | 2022-04-23    | 2022-11-11  |
| RENAULT MEGANE     | 2022-04-18    | 2022-07-15  |
| FORD MUSTANG       | 2022-03-09    | 2022-06-12  |
| TATA NEXON         | 2022-08-13    | 2022-09-16  |
| AUDI A6            | 2022-06-04    | 2022-07-17  |
| TATA TIGOR         | 2022-04-17    | 2022-06-13  |
| TESLA MODEL S      | 2022-04-02    | 2022-09-07  |
| BMW XM             | 2022-05-27    | 2022-09-19  |
| AUDI RS            | 2022-06-08    | 2022-10-07  |
| TESLA MODEL X      | 2022-05-18    | 2022-09-09  |
| FORD EDGE          | 2022-04-07    | 2022-05-14  |
| FORD GT            | 2022-03-18    | 2022-07-19  |
| SKODA SLAVIA       | 2022-08-21    | 2022-10-11  |
| TATA ALTROZ        | 2022-06-14    | 2022-08-25  |
| MERCEDEZ AMZ       | 2022-04-11    | 2022-08-18  |
| LAMBORGINI URUS    | 2022-04-11    | 2022-08-07  |
| BMW XS             | 2022-05-16    | 2022-07-11  |
| LAMBORGINI GALLARDO | 2022-05-16    | 2022-09-17  |
| BMW I4             | 2022-07-13    | 2022-11-18  |
+--------------------+---------------+-------------+
20 rows in set (0.002 sec)
```

ER DIAGRAM


Cars
car_id INT (10)
MODEL VARCHAR
YEAR INT (10)
Category VARCHAR
Rental_Rates
Order_id INT (10)
Rates INT (10)
MAINTENANCE INT (10)
Rental_Orders
Order_id INT (10)
Employee Id INT (10)
Cust_id INT (10)
car_id INT (10)
Rent_Start_date DATE
Customer
Cust_id INT (10)
Cust_Name VARCHAR
Address VARCHAR
City VARCHAR (100)
phone no BIGINT (10)
Employee
Employee Id INT (10)
Employee_Number IN
First_Name VARCHAR
Last_Name VARCHAR
Salary INT (10)