

Maria DB POST ASSESSMENT BATCH - 1

TRAINING DATES: 2nd August to 07th Aug 2019

TRAINER: Anandh Kumar M

Room ; ISTANA 1

1. Write a SQL to update the “Female” instead of “f” and “Male” instead of “m” in Sex Column in single query. (Refer Below Table)

EMP		
ID	Name	Sex
1	A	f
2	B	m
3	C	f
4	D	m

2. Write a SQL to replace the NULL values in the region column with immediate previous region

EMP		
ID	Name	Region
1	A	North
2	B	
3	C	South
4	D	
5	E	East

3. Write a SQL to produce Full Name of the employee and display them in descending manner based on Last Name. Refer Below table

EMP			
ID	FirstName	LastName	Age
1	Raj	Kumar	54
2	Mohan	Raj	10
3	Devi	Priya	22
4	Kumar	Patel	44

4. Write a SQL to fetch the first 3 character only from First Name and display them in CAPITAL Letters. Refer Above table.

5. Write a SQL to return all the columns and rows of the below table where Name of the user contains the following pattern “USER-” Refer below table.

LOGIN		
UserID	UserName	Password
1	ADMIN	1234
2	USER-01	3215
3	USER-02	9654
4	USER-03	9658
5	SUPERUSER	4568

* Refer below tables to answers questions 6 to 10.

OrderHeader			
HeaderId	OrderId	OrderDate	CustomerId
1	SO1	04-Jan-2014	2
2	SO2	01-Feb-2014	3
3	SO3	11-Jan-2015	4
4	SO4	01-Mar-2015	2
5	SO5	15-July-2016	1

6. Find out the error in below query.

OrderDetails				
HeaderId	Product	Quantity	Price	Sales Amount
1	P1	10	100	1000
1	P1	12	100	1200
2	P1	33	100	3300
3	P2	11	200	2200
3	P3	4	100	400

4	P2	45	200	9000
5	P1	22	100	2200
5	P3	19	100	1900

SELECT * FROM Orders where OrderDate => '2016-07-05';

Write a SQL to fetch the Orderid, Product and Total Sales Amount except Product “P1” records.

Display the Total Sales Amount by weekday (Sun,Mon, Tue, ...) wise.

Write a SQL to find No. of Orders and Sales Amount for each year?

Write a SQL to find the product which sold more quantities

Consider the below tables and write SQL as answers

Salesperson Orders

ID	Name	Age	Salary
1	Abe	61	140000
2	Bob	34	44000
5	Chris	34	40000
7	Dan	41	52000
8	Ken	57	115000
11	Joe	38	38000

Number	order_date	cust_id	salesperson_id	Amount
10	8/2/96	4	2	540
20	1/30/99	4	8	1800
30	7/14/95	9	1	460
40	1/29/98	7	2	2400
50	2/3/98	6	7	600
60	3/2/98	6	7	720
70	5/6/98	9	7	150

Write SQL to return "Number of records present in Table: Salesperson"

Write SQL to find the Names of Salespersons who are earning Salary lesser than 50000

Delete Name from Sales Person table where

Write SQL to classify Salespersons as "Below 40", "Between 40-60" and "Above 60" based on their age and name the column as "Age Bucket".

Find out the youngest and oldest salesperson using a SQL Query

Select SalesPerson Name,total Salary with respect to sales person from sales person table where salary greater than 50000 order by salary descending.

How to fetch data that are common in two query results?

Set SalesPerson_id in Order table as foreign key to the Id(PK) in SalesPerson table.

Display the Salesperson who is getting 3rd least salary.(Must use Subquery)

Part 2:

Create calendar table with Date,Weekday, Month number, Quarter and year using procedure and insert data into the table between start date and end date in same procedure

create procedure sproc

(

@startdate date,

@enddate date

) create table calendar(cdate date,weekday varchar(3),monthno int,quarter varchar(8),year int)

Part 3

- 1 write a sql query to validate a email (Regular Expression)
- 2 Delete duplicate rows and give the count of duplicates removed
- 3 What is NOT DETERMINISTIC in mariadb function parameter
- 4 What is the use of delimiter command ?
- 5 How to represent Not null in symbol or operator ?
- 6 Write a script to print the given string in row .-> Hello World ?

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