Name:Swarnalatha Buddarthi EmpId:491793 MariaDB Assignment

1.update emp set sex = 'female' where sex = 'f'|| update emp set sex = 'male' where sex = 'm';

2.update emp e1 join emp e2 on e1.id = e2.id+1 set e1.region = e2.region where e1.region = '';

3.select concat(firstname,lastname) as fullname from emp order by lastname desc;

4.select upper(substr(firstname,1,3)) from emp;

5.select * from login where username like 'user-%';

6.wrong table name and date format

7.select orderid,product,sum(sales) from orderheader join orderDetails where orderheader.headerid = orderDetails.headerid and product != "p1";

8.select sum(sales) from orderheader join orderDetails where orderheader.headerid = orderDetails.headerid group by weekday(orderdate);

9.select sum(sales),count(orderid) from orderheader join orderDetails where orderheader.headerid = orderDetails.headerid group by extract(year from orderdate);

10.select product,sum(quantity) from orderDetails group by product order by sum(quantity) desc limit 1;

1.select count(*) from salesperson;

2.select name from salesperson where salary<50000;

3.delete from salesperson where salary<(select avg(salary) from salesperson);

4.select name, (case when age<40 then 'BELOW 40' when age>60 then 'ABOVE 60' when age between 40 and 60 then 'BETWEEN 40-60' END) as AGEBUCKET from salesperson;

5.select name from salesperson where age=(select max(age) from salesperson) or age=(select min(age) from salesperson);

6.select salesperson_id , count(salesperson_id) from orders group by salesperson_id;

7.select count(amount),sum(amount),extract(year from order_date)from orders group by extract(year from order_date);

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8.select monthname(order_date)from orders;

9.select name,salary from salesperson where salary>50000 order by salary
desc ;

10.Using common keyword

11.alter table orders add foreign key(salesperson_id) references
salesperson(ID);

12.select salary from salesperson order by salary limit 2,1;
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part-2
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create procedure spproc (sdate date,edate date, insertdate date )

BEGIN

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

    CASE

        WHEN MONTH(insertdate) BETWEEN 1    AND 3    THEN 'Q3'

        WHEN MONTH(insertdate) BETWEEN 4    AND 6    THEN 'Q4'

        WHEN MONTH(insertdate) BETWEEN 7    AND 9    THEN 'Q1'

        WHEN MONTH(insertdate) BETWEEN 10 AND 12 THEN 'Q2'

    END AS Quarter;

IF (insertdate >=sdate AND insertdate<=edate)

      BEGIN

            insert into table values(curdate(),select (EXTRACT(DAY FROM date)),select
(EXTRACT(MONTH FROM date)),Quarter,select (EXTRACT(YEAR FROM date)));

      END;



END;

CALL spproc ('2019/01/01'.'2020/01/01','2019/02/14');

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part-3

1.select * from ppl where email like '%_@__%.__%';

2.delete from table where col1 in(select id from table group by id having(count(col1)>1);

3.Not Deterministic: It means that the function may return a different result given a set of input parameters and reads sql data.

4.Used to change standard delimeter of Mariadb commands

5.IS NOT NULL and = operator in comparison operator

6.BEGIN dbms_output.put_line (‘Hello World..');
  END: