DBMS

LAB – 8

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1. **Write a function to find the number of tickets booked by a customer. If no of tickets is more than 3 for the current month then display error message as “cannot purchase tickets current limit is over”.**

**Query :**

DELIMITER $$

CREATE FUNCTION count\_tickets(ticket\_385 int)

RETURNS VARCHAR(50)

DETERMINISTIC

BEGIN

DECLARE VALUE varchar(50);

IF ticket\_385 > 3 then

set VALUE="Cannot purchase tickets Current limit is over";

    ELSE

set VALUE ="Can Purchase ticket\_385";

    end if;

    return value;

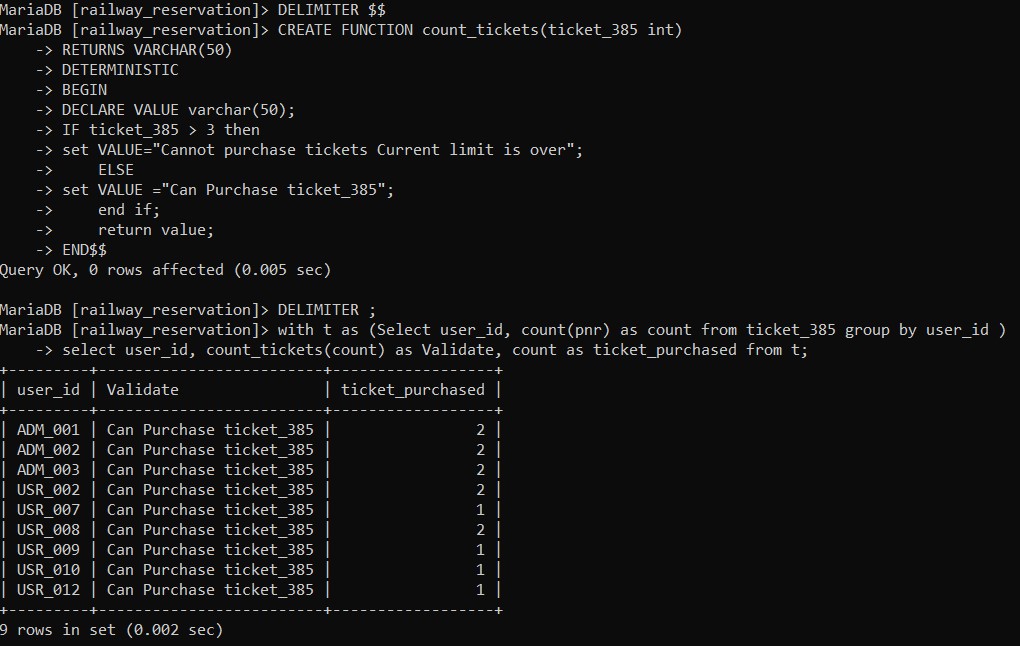
END$$

DELIMITER ;

with t as (Select user\_id, count(pnr) as count from ticket\_385 group by user\_id )

select user\_id, count\_tickets(count) as Validate, count as ticket\_purchased from t;

**OUTPUT :**

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1. **Write a stored procedure to calculate the age of the customer when the date of birth is given. Update the column named age in the customer table.**

**Query :**

DELIMITER $$

CREATE procedure age\_updation(

IN UID varchar(30),IN DB date, OUT msg varchar(30))

BEGIN

DECLARE age int;

IF DB>sysdate() THEN

    set msg= 'Invalid DoB';

ELSE

    update user\_385

    set Age=(datediff(sysdate(),DB))/365

    where User\_ID= UID;

    update user\_385

    set DOB=DB

    where User\_ID=UID;

    set msg=' Age updated Successfully';

END IF;

END$$

DELIMITER ;

CALL age\_updation('ADM\_003','1991-04-08',@A);

SELECT @A;

select \* from user\_385 where User\_ID='ADM\_003';

**OUTPUT :**

