Jomato table

RestaurantID	RestaurantName	CuisineType	ResType	City	Rating	OrderDate	OrderAmount
1	R1	Indian	Quick Chicken Bites	New York	4.2	8/1/2024	75
2	R2	Italian	Fine Dining	New York	4.7	8/3/2024	120
3	R3	American	Quick Chicken Bites	Chicago	3.9	8/5/2024	45
4	R4	Japanese	Casual	Chicago	5	8/7/2024	90
5	R5	Mexican	Diner	Boston	3.5	8/10/2024	50
6	R6	Italian	Casual Dining	New York	3.8	8/12/2024	85
7	R7	Indian	Casual Dining	Boston	4	8/14/2024	65
8	R8	Italian	Quick Chicken Bites	Chicago	4.5	8/16/2024	55
9	R9	Chinese	Quick Chicken Bites	Chicago	3.5	8/18/2024	95
10	R10	American	Fine Dining	Boston	4	8/20/2024	100

select * from jomato

/*1. Create a stored procedure to display the restaurant name, type and cuisine

create proc SP_TableBooking

as

(select Restaurantname,ResType,CuisineType from jomato

where OrderAmount>0

)

exec SP_TableBooking

/*2. Create a transaction and update the cuisine type 'Cafe' to 'Cafeteria'. Ch

/* Note: I have used cuisines type as Chinese instead of Cafe since i did not h

begin transaction

update jomato

set CuisineType = 'Indo-Chinese'

```sql
where CuisineType = 'Chinese'

select * from jomato where CuisineType = 'Indo-Chinese'

rollback


select * from jomato where CuisineType = 'Indo-Chinese'


/*3. Generate a row number column and find the top 5 areas with the highest rat

with RestaurantRanking as

(select RestaurantName,

                City,

                Rating,

                row_number()over(order by Rating desc) as RowlevelRanking

                from jomato

)

select RestaurantName,City,Rating from RestaurantRanking where RowlevelRanking<


select * from jomato


/*4. Use the while loop to display the 1 to 50.*/

declare @loopfor1to50 int=1

while @loopfor1to50 <=50

begin

        print @loopfor1to50

        set @loopfor1to50 = @loopfor1to50 + 1

end


/*5. Write a query to Create a Top rating view to store the generated top 5 hig

create view Top5DenseRatings AS

select top(5)
```

```sql
DENSE_RANK() over(order by rating desc) AS Ranking,

* from jomato


select * from Top5DenseRatings


/*6.1 1st Method-Write a trigger that sends an email notification to the restau

create trigger newrecord_emailnotification

on jomato

after insert

as

begin

    -- Declare variables for email parameters

    DECLARE @Subject NVARCHAR(200) = 'New Record Added'

    DECLARE @Body NVARCHAR(MAX)

    DECLARE @ToEmail NVARCHAR(200) = 'suchitra.singh2@gmail.com'


    -- Define email body

    SET @Body = 'New record(s) added in the jomato table.'


    -- Emailing Details

    exec msdb.dbo.sp_send_dbmail

        @profile_name = 'SQLAssignment',

        @recipients = @ToEmail,

        @subject = @Subject,

        @body = @Body;

end


/*6.2 2nd Method-Write a trigger that sends an email notification to the restau
```

```sql
create trigger newrecord_emailtrigger

on jomato

after insert

AS begin

exec msdb.dbo.sp_send_dbmail

@sendername = 'SQLAssignment',

@recipients = 'suchitra.singh2@gmail.com',

@subjectline = 'New Record Added',

@emailbody = 'New record(s) added to the jomato table.'

end
```