**SQL ASSIGNMENT 3**

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**Task:** 1. Create a stored procedure to display the restaurant name, type and cuisine where the table booking is not zero.

**Code:**

create procedure usp\_NonZero\_Tablebooking\_Jomato

as begin

Select RestaurantName, RestaurantType, CuisinesType

From Jomato as J

where J.TableBooking <> 0

end;

Exec dbo.usp\_NonZero\_Tablebooking\_Jomato;

**Result:**

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**Task:** 2. Create a transaction and update the cuisine type ‘Cafe’ to ‘Cafeteria’. Check the result and rollback it.

**Code:**

Begin transaction

update Jomato

set CuisinesType='Cafeteria' where CuisinesType='Cafe'

select RestaurantName,RestaurantType,CuisinesType from Jomato where RestaurantType='Cafe'

Rollback transaction;

**Results:**

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**Task:** 3. Generate a row number column and find the top 5 areas with the highest rating of restaurants.

**Code:**

select Rank, Area, Round(Rating,2) as AreaRating

from

(select

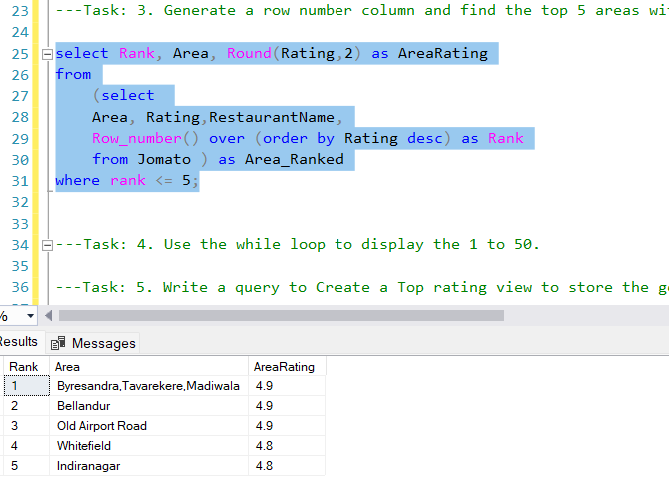
Area, Rating,RestaurantName,

Row\_number() over (order by Rating desc) as Rank

from Jomato ) as Area\_Ranked

where rank <= 5;

**Result:**

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**Task:** 4. Use the while loop to display the 1 to 50.

**Code:**

declare @counter int

set @counter = 1

While @counter < 51

begin

Select \* from Jomato where OrderId=@counter

set @counter = @counter + 1

end

**Result:**

**Task:** 5. Write a query to Create a Top rating view to store the generated top 5 highest rating of restaurants.

**Code:**

Create view vw\_Top5\_Jomato as

select \* from

(select Row\_number() over (order by Rating desc) as Rank,

RestaurantName, RestaurantType, CuisinesType,AverageCost, OnlineOrder, TableBooking, Delivery\_time, Area,LocalAddress,Round(Rating,2) as Rating, No\_of\_Rating

from Jomato ) as Restaurant\_Ranked

where rank <= 5;

select \* from vw\_Top5\_Jomato

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Description automatically generated**Result:**

**Task:** 6. Create a trigger that give an message whenever a new record is inserted.

**Code:**

create Trigger tr\_Insert\_Jomato on Jomato

after insert

as begin

Select 'Order ' + cast(OrderId as varchar(20)) + ' is placed at ' + cast(getdate() as varchar(50)) from inserted

End

begin transaction

insert into Jomato values (7777,'Znew','Cafe',3.2,10,100,0,0,'Cafe','HSR','HSR',50)

Select \* from Jomato order by OrderId desc

rollback

**Result:**

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