

Project:

Restaurant Management

Customers	Phone	Email	Order And Quantity	Order Date	Amount	Payment Date	Payment Method	Menu Items	Price	Seat	Seat Capacity
Ariful Islam	019089333132	Ariful12@gmail.com	Basmati Kacchi 1:1-2 Borhani - 1 Glass-2	15/12/2023	918	15/12/2023	Cash	Basmati Kacchi Half	379	Seat-1	2
Azizul Rahman	017635555663	Azizul2@gmail.com	Basmati Kacchi 1:1 -3	16/12/2023	1740	16/12/2023	Cash	Basmati Kacchi 1:1	580	Seat-2	4
Rakib Khan	016875265542	rakib23@gmail.com	Basmati Kacchi 1:5-1 Soft drinks-5	17/12/2023	2899	17/12/2023	Debit Card	Basmati Kacchi 1:3	1579	Seat-5	4
Shuvo Sarkar	018563647521	shuvo8@gmail.com	Whole Chicken Roast-1 Firmi-2	18/12/2023	640	18/12/2023	Cash	Basmati Kacchi 1:5	2699	Seat-6	2
Emrul Hasan	016875699582	emrul9@gmail.com	Basmati Kacchi Half-1 Zafrani Sorbot - 1 Glass-2	19/12/2023	938	19/12/2023	Bkash	Beef Rezala	200	Seat-3	6
Monirul Talukder	017569325515	monirul@gmail.com	Basmati Kacchi 1:3-3 Borhani - 1 Glass-3	20/12/2023	1819	20/12/2023	Nagad	Chicken Roast	150	Seat-1	2
Rayhan Khan	016935485666	rayhan@gmail.com	Chicken Roast-4 Soft Drinks-4	21/12/2023	760	21/12/2023	Debit Card	Whole Chicken Roast	500	Seat-8	5
Shafiq Sheikh	015264589655	shafiq6@gmail.com	Murog Polao-2 Borhani - 1 Glass-2	22/12/2023	758	22/12/2023	Bkash	Plain Polao	120	Seat-7	2

Mojibur Rahman	016365854853	Mojiburu@gmail.com	Plain Polao-6 Soft Drinks - 1 Glass-6	23/12/2023	960	23/12/2023	Cash	Murog Polao	299	Seat-2	4
Shaon Talukder	015804050812	shaon8@gmail.com	Basmati Kacchi 1:5-1 Borhani - 1 Glass-5 Firni-4	24/12/2023	3379	24/12/2023	Debit Card	Firni Jorda	70	Seat-4	3

1. Create a 3NF database which

will have following Data with a Data File and a Log File by writing SQL script as follows: Database name: Restaurant, Datafile name :

Restaurant_Data_1 , LogFile Name: Restaurant_Log_1, Location: Default Database file location, Size(Datafile : 25 MB , LogFile: 2 MB),

Maximum Size(Datafile : 100 MB , LogFile: 25 MB), File Growth (Datafile : 5% , LogFile: 1%).

2. Insert all the record using script

3. Write a insert query

4. Write update query

5. Write a delete query

6. Add a column

7. Drop a table

8. Give an example of using AND Clause.

9. Give an example of using NOT IN Clause.

10. Give an example of BETWEEN Clause.

11. Give an example of using WILDCARD.

12. Give an example of OFFSET FETCH

13. Give an Example Of JOIN Query

14. Give an Example Of GROUP Query

15. Create a SUBQUERY
16. Give a CORRELATED SUBQUERY.
17. Give an Example of CUBE Operator.
18. Give an Example of ROLLUP Operator.
19. Give an Example of GROUPING SETS Operator.
20. Give an Example of OVER Operator
21. Give an Example of ANY
22. Give an Example of ALL
23. Give an Example of SOME
24. Give an Example of CTE
25. Give an Example of CASE function
26. Give an Example of IIF function
27. Create a Statement of Cast
28. Create a Statement of Convert
29. An Example Of Sequence
30. Example of Using VIEW with Encryption.
31. Example Store Procedure With Input & Output Parameter.
32. Example a Scalar function
33. Example of Table function
34. Example of Multi-statement table-valued function
35. Example of AFTER TRIGGER INSERT
36. Example of AFTER TRIGGER DELETE
37. Example of Instead of INSERT TRIGGER
38. Example of Instead of Delete TRIGGER