Assignment

SQL Server

Queries :

CREATE TABLE CUSTOMERS(CUSTOMER_ID VARCHAR(10) PRIMARY KEY,CUSTOMER_NAME VARCHAR(20),ADDRESS VARCHAR(20),PHONE_NO BIGINT, EMAIL VARCHAR(20));

CREATE TABLE DELIVERY_PARTNERS(PARTNER_ID VARCHAR(10) PRIMARY KEY,PARTNER_NAME VARCHAR(20),PHONE_NO BIGINT,RATING INT);

CREATE TABLE HOTEL_DETAILS(HOTEL_ID VARCHAR(10) PRIMARY KEY,HOTEL_NAME VARCHAR(20),HOTEL_TYPE VARCHAR(20),RATING INT);

CREATE TABLE ORDERS(ORDER_ID VARCHAR(10) PRIMARY KEY,

CUSTOMER_ID VARCHAR(10) REFERENCES CUSTOMERS(CUSTOMER_ID),

HOTEL_ID VARCHAR(10) REFERENCES HOTEL_DETAILS(HOTEL_ID),

PARTNER_ID VARCHAR(10) REFERENCES DELIVERY_PARTNERS(PARTNER_ID),

ORDER_DATE DATE,ORDER_AMOUNT INT);

INSERT INTO DELIVERY_PARTNERS VALUES (11, 'Arjun Singh', 9876543220, 4);

INSERT INTO DELIVERY_PARTNERS VALUES (12, 'Pooja Devi', 9876543221, 5);

INSERT INTO DELIVERY_PARTNERS VALUES (13, 'Siddharth Rao', 9876543222, 3);

INSERT INTO DELIVERY_PARTNERS VALUES (14, 'Meera Soni', 9876543223, 5);

INSERT INTO DELIVERY_PARTNERS VALUES (15, 'Ganesh Iyer', 9876543224, 2);

INSERT INTO DELIVERY_PARTNERS VALUES (16, 'Ritu Sharma', 9876543225, 4);

INSERT INTO DELIVERY_PARTNERS VALUES (17, 'Kiran Kumar', 9876543226, 3);

INSERT INTO DELIVERY_PARTNERS VALUES (18, 'Nandini Prasad', 9876543227, 5);

INSERT INTO DELIVERY_PARTNERS VALUES (19, 'Vivek Joshi', 9876543228, 4);

INSERT INTO DELIVERY_PARTNERS VALUES (20, 'Swati Menon', 9876543229, 3);

SELECT PARTNER_ID,PARTNER_NAME,PHONE_NO FROM DELIVERY_PARTNERS WHERE RATING BETWEEN 3 AND 5;

```sql
INSERT INTO CUSTOMERS VALUES ('CUST1001', 'THOMAS', 'KOCHI', 9856325486, 'thomas@gmail.com');

INSERT INTO CUSTOMERS VALUES ('CUST1002', 'CHARLES', 'ALLEPY', 9856367486, 'charles@gmail.com');

INSERT INTO CUSTOMERS VALUES ('CUST1003', 'SUDHAKAR', 'KOCHI', 9856323869, 'sudhakar@gmail.com');

INSERT INTO CUSTOMERS VALUES ('CUST1004', 'JAGADISH', 'ERNAKULAM', 9856326666, 'jagadish@gmail.com');

INSERT INTO CUSTOMERS VALUES ('CUST1005', 'ALBERL', 'ALLEPY', 9856328659, 'albert@gmail.com');

INSERT INTO CUSTOMERS VALUES ('CUST1006', 'ASHWIN DAS', 'KANNUR', 9856325659, 'ashwin@gmail.com');


UPDATE CUSTOMERS SET PHONE_NO=9876543210 WHERE CUSTOMER_ID='CUST1004';

UPDATE CUSTOMERS SET EMAIL= NULL WHERE CUSTOMER_ID='CUST1002';

SELECT * FROM CUSTOMERS WHERE EMAIL IS NOT NULL;


EXEC sp_rename 'HOTEL_DETAILS.RATING', 'HOTEL_RATING', 'COLUMN';

EXEC SP_HELP HOTEL_DETAILS;


INSERT INTO HOTEL_DETAILS VALUES ('HIND01', 'The Spice Retreat', 'Veg', 4);

INSERT INTO HOTEL_DETAILS VALUES ('HIND02', 'Grand Flavours Inn', 'Non-Veg', 5);

INSERT INTO HOTEL_DETAILS VALUES ('HIND03', 'Green Leaf Residency', 'Veg', 3);

INSERT INTO HOTEL_DETAILS VALUES ('HIND04', 'Royal Feast Hotel', 'Non-Veg', 4);

INSERT INTO HOTEL_DETAILS VALUES ('HIND05', 'Pure Delights Stay', 'Veg', 5);

INSERT INTO HOTEL_DETAILS VALUES ('HIND06', 'Carnivore Comforts', 'Non-Veg', 3);

INSERT INTO HOTEL_DETAILS VALUES ('HIND07', 'Vegetarian Haven', 'Veg', 4);

INSERT INTO HOTEL_DETAILS VALUES ('HIND08', 'The Meat Lovers Spot', 'Non-Veg', 2);

INSERT INTO HOTEL_DETAILS VALUES ('HIND09', 'Sacred Kitchen Suites', 'Veg', 5);
```

INSERT INTO HOTEL_DETAILS VALUES ('HIND10', 'Grill & Chill Hotel', 'Non-Veg', 4);

SELECT

   HOTEL_NAME + ' is a ' + HOTEL_TYPE + ' hotel' AS HOTEL_INFO

FROM

   HOTEL_DETAILS

ORDER BY

   HOTEL_NAME DESC;

Snapshots:

	PARTNER_ID	PARTNER_NAME	PHONE_NO
1	11	Arjun Singh	9876543220
2	12	Pooja Devi	9876543221
3	13	Siddharth Rao	9876543222
4	14	Meera Soni	9876543223
5	16	Ritu Sharma	9876543225
6	17	Kiran Kumar	9876543226
7	18	Nandini Prasad	9876543227
8	19	Vivek Joshi	9876543228
9	20	Swati Menon	9876543229

```
51    UPDATE CUSTOMERS SET PHONE_NO=9876543210 WHERE CUSTOMER_ID='CUST1004'
52
53    |
```

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Messages

  (1 row affected)

  Completion time: 2025-07-23T17:16:23.3227842+05:30

	CUSTOMER_ID	CUSTOMER_NAME	ADDRESS	PHONE_NO	EMAIL
1	CUST1001	THOMAS	KOCHI	9856325486	thomas@gmail.com
2	CUST1003	SUDHAKAR	KOCHI	9856323869	sudhakar@gmail.com
3	CUST1005	ALBERL	ALLEPY	9856328659	albert@gmail.com

```
55    EXEC sp_rename 'HOTEL_DETAILS.RATING', 'HOTEL_RATING', 'COLUMN';
56    EXEC SP_HELP HOTEL_DETAILS;
```

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Results Messages

Name	Owner	Type	Created_datetime
HOTEL_DETAILS	dbo	user table	2025-07-23 17:00:39.037

Column_name	Type	Computed	Length	Prec	Scale	Nullable	TrimTrailingBlanks	FixedLenNullInSource	Collation
HOTEL_ID	varchar	no	10			no	no	no	SQL_Latin1_General_CP1_CI_AS
HOTEL_NAME	varchar	no	20			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
HOTEL_TYPE	varchar	no	20			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
HOTEL_RATING	int	no	4	10	0	yes	(n/a)	(n/a)	NULL

Identity	Seed	Increment	Not For Replication
No identity column defined.	NULL	NULL	NULL

RowGuidCol	

```
68
69   ∨ SELECT
70         HOTEL_NAME + ' is a ' + HOTEL_TYPE + ' hotel' AS HOTEL_INFO
71     FROM
72         HOTEL_DETAILS
73     ORDER BY
74         HOTEL_NAME DESC;
```

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Results Messages

	HOTEL_INFO
1	Vegetarian Haven is a Veg hotel
2	The Spice Retreat is a Veg hotel
3	The Meat Lovers Spot is a Non-Veg hotel
4	Royal Feast Hotel is a Non-Veg hotel
5	Pure Delights Stay is a Veg hotel
6	Grill & Chill Hotel is a Non-Veg hotel
7	Green Leaf Residency is a Veg hotel
8	Grand Flavours Inn is a Non-Veg hotel
9	Carnivore Comforts is a Non-Veg hotel