

**ASSIGNMENT TITLE:**  
**Courier Management System: MySQL ASSIGNMENT-4**

**SUBMITED BY:**  
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## Courier Management System : MySQL ASSIGNMENT-4

### Task1 Database Design :

Design a SQL schema for a Courier Management System with tables for Customers, Couriers, Orders, and Parcels. Define the relationships between these tables using appropriate foreign keys.

#### **Requirements:**

- Define the Database Schema
- Create SQL tables for entities such as User, Courier, Employee, Location, Payment
- Define relationships between these tables (one-to-many, many-to-many, etc.).
- Populate Sample Data • Insert sample data into the tables to simulate real-world scenarios.

```
mysql> CREATE DATABASE Courier_Management_Sys;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE DATABASE Courier_Management_Sys;
Query OK, 1 row affected (0.02 sec)

mysql> USE Courier_Management_Sys;
Database changed
mysql> CREATE TABLE User (
    ->     UserID INT PRIMARY KEY,
    ->     Name VARCHAR(255),
    ->     Email VARCHAR(255) UNIQUE,
    ->     Password VARCHAR(255),
    ->     ContactNumber VARCHAR(20),
    ->     Address TEXT
    -> );
Query OK, 0 rows affected (0.08 sec)

mysql> CREATE TABLE Courier (
    ->     CourierID INT PRIMARY KEY,
    ->     SenderName VARCHAR(255),
    ->     SenderAddress TEXT,
    ->     ReceiverName VARCHAR(255),
    ->     ReceiverAddress TEXT,
    ->     Weight DECIMAL(5, 2),
    ->     Status VARCHAR(50),
    ->     TrackingNumber VARCHAR(20) UNIQUE,
    ->     DeliveryDate DATE
    -> );
Query OK, 0 rows affected (0.08 sec)
```

```

mysql> CREATE TABLE CourierServices (
    -> ServiceID INT PRIMARY KEY,
    -> ServiceName VARCHAR(100),
    -> Cost DECIMAL(8, 2)
    -> );
Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TABLE Employee (
    -> EmployeeID INT PRIMARY KEY,
    -> Name VARCHAR(255),
    -> Email VARCHAR(255) UNIQUE,
    -> ContactNumber VARCHAR(20),
    -> Role VARCHAR(50),
    -> Salary DECIMAL(10, 2)
    -> );
Query OK, 0 rows affected (0.07 sec)

mysql> CREATE TABLE Location (
    -> LocationID INT PRIMARY KEY,
    -> LocationName VARCHAR(100),
    -> Address TEXT
    -> );
Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TABLE Payment (
    -> PaymentID INT PRIMARY KEY,
    -> CourierID INT,
    -> LocationID INT,
    -> Amount DECIMAL(10, 2),
    -> PaymentDate DATE,
    -> FOREIGN KEY (CourierID) REFERENCES Courier(CourierID),
    -> FOREIGN KEY (LocationID) REFERENCES Location(LocationID)
    -> );
Query OK, 0 rows affected (0.08 sec)

```

```

mysql> INSERT INTO User (UserID, Name, Email, Password, ContactNumber, Address)
-> VALUES
-> (1, 'Arjun', 'arjun@gmail.com', 'password123', '123 Street, City'),
-> (2, 'Kaviya', 'kaviya@gmail.com', 'securepass', '9876543210', '456 Street, Town'),
-> (3, 'Mani', 'mani@gmail.com', 'pass123', '8765432109', '789 Street, Village'),
-> (4, 'Priya', 'priya@gmail.com', 'mysecurepass', '7654321098', '012 Street, County'),
-> (5, 'Raj', 'raj@gmail.com', 'password456', '6543210987', '345 Street, District'),
-> (6, 'Nisha', 'nisha@gmail.com', 'pass456', '5432109876', '678 Street, State'),
-> (7, 'Ganesh', 'ganesh@gmail.com', 'securepassword', '4321098765', '901 Street, Country'),
-> (8, 'Saranya', 'saranya@gmail.com', 'password789', '3210987654', '234 Street, Province'),
-> (9, 'Kumar', 'kumar@gmail.com', 'mypass789', '2109876543', '567 Street, Region'),
-> (10, 'Shalini', 'shalini@gmail.com', 'passwordabc', '1098765432', '890 Street, Territory');
Query OK, 10 rows affected (0.02 sec)
Records: 10  Duplicates: 0  Warnings: 0

```

```

mysql> SELECT * FROM User;
+-----+-----+-----+-----+-----+-----+
| UserID | Name   | Email      | Password | ContactNumber | Address          |
+-----+-----+-----+-----+-----+-----+
| 1     | Arjun  | arjun@gmail.com | password123 | 123 Street, City |                |
| 2     | Kaviya | kaviya@gmail.com | securepass | 456 Street, Town |                |
| 3     | Mani   | mani@gmail.com  | pass123   | 789 Street, Village |               |
| 4     | Priya  | priya@gmail.com | mysecurepass | 012 Street, County |              |
| 5     | Raj    | raj@gmail.com  | password456 | 345 Street, District |             |
| 6     | Nisha  | nisha@gmail.com | pass456   | 678 Street, State |            |
| 7     | Ganesh | ganesh@gmail.com | securepassword | 901 Street, Country |           |
| 8     | Saranya | saranya@gmail.com | password789 | 234 Street, Province |          |
| 9     | Kumar  | kumar@gmail.com | mypass789  | 567 Street, Region |         |
| 10    | Shalini | shalini@gmail.com | passwordabc | 1098765432 | 890 Street, Territory |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```

```

mysql> INSERT INTO Courier (CourierID, SenderName, SenderAddress, ReceiverName, ReceiverAddress, Weight, Status, TrackingNumber, DeliveryDate)
-> VALUES
-> (1, 'Arjun', '123 Street, City', 'Kaviya', '456 Receiver Street, Town', 2.5, 'In Transit', 'TN123456', '2024-01-13'),
-> (2, 'Mani', '789 Street, Village', 'Priya', '012 Receiver Street, County', 3.7, 'Delivered', 'TN789012', '2024-01-14'),
-> (3, 'Raj', '345 Street, District', 'Nisha', '678 Receiver Street, State', 1.8, 'Out for Delivery', 'TN345678', '2024-01-15'),
-> (4, 'Ganesh', '901 Street, Country', 'Saranya', '234 Receiver Street, Province', 4.2, 'In Transit', 'TN901234', '2024-01-16'),
-> (5, 'Kumar', '567 Street, Region', 'Shalini', '890 Receiver Street, Territory', 2.0, 'Delivered', 'TN567890', '2024-01-17'),
-> (6, 'Arjun', '123 Street, City', 'Mani', '345 Receiver Street, Town', 3.5, 'Out for Delivery', 'TN210345', '2024-01-18'),
-> (7, 'Ganesh', '901 Street, Country', 'Kumar', '901 Receiver Street, County', 1.0, 'In Transit', 'TN678901', '2024-01-19'),
-> (8, 'Saranya', '345 Street, District', 'Kaviya', '234 Receiver Street, State', 2.8, 'Delivered', 'TN345234', '2024-01-20'),
-> (9, 'Kumar', '890 Street, Country', 'Shalini', '567 Receiver Street, Province', 3.3, 'Out for Delivery', 'TN890567', '2024-01-21'),
-> (10, 'Nisha', '234 Street, Region', 'Ganesh', '890 Receiver Street, Territory', 1.5, 'In Transit', 'TN234890', '2024-01-22');
Query OK, 10 rows affected (0.02 sec)
Records: 10  Duplicates: 0  Warnings: 0

```

CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	Arjun	123 Street, City	Kaviya	456 Receiver Street, Town	2.50	In Transit	TN123456	2024-01-13
2	Mani	789 Street, Village	Priya	012 Receiver Street, County	3.70	Delivered	TN789012	2024-01-14
3	Raj	345 Street, District	Nisha	678 Receiver Street, State	1.80	Out for Delivery	TN345678	2024-01-15
4	Ganesh	901 Street, Country	Saranya	234 Receiver Street, Province	4.20	In Transit	TN901234	2024-01-16
5	Kumar	567 Street, Region	Shalini	890 Receiver Street, Territory	2.00	Delivered	TN567890	2024-01-17
6	Arjun	123 Street, City	Mani	345 Receiver Street, Town	3.50	Out for Delivery	TN210345	2024-01-18
7	Ganesh	901 Street, Country	Kumar	901 Receiver Street, County	1.00	In Transit	TN678901	2024-01-19
8	Saranya	345 Street, District	Kaviya	234 Receiver Street, State	2.80	Delivered	TN345234	2024-01-20
9	Kumar	890 Street, Country	Shalini	567 Receiver Street, Province	3.30	Out for Delivery	TN890567	2024-01-21
10	Nisha	234 Street, Region	Ganesh	890 Receiver Street, Territory	1.50	In Transit	TN234890	2024-01-22

```
mysql> INSERT INTO CourierServices (ServiceID, ServiceName, Cost)
-> VALUES
-> (1, 'Standard Delivery', 10.00),
-> (2, 'Express Delivery', 15.50),
-> (3, 'Overnight Delivery', 25.00),
-> (4, 'Same-Day Delivery', 30.00),
-> (5, 'Economy Delivery', 8.50),
-> (6, 'International Standard', 20.00),
-> (7, 'International Express', 35.00),
-> (8, 'International Economy', 15.00),
-> (9, 'Priority Delivery', 18.00),
-> (10, 'Local Pickup', 5.00);
Query OK, 10 rows affected (0.02 sec)
Records: 10  Duplicates: 0  Warnings: 0
```

ServiceID	ServiceName	Cost
1	Standard Delivery	10.00
2	Express Delivery	15.50
3	Overnight Delivery	25.00
4	Same-Day Delivery	30.00
5	Economy Delivery	8.50
6	International Standard	20.00
7	International Express	35.00
8	International Economy	15.00
9	Priority Delivery	18.00
10	Local Pickup	5.00

10 rows in set (0.00 sec)

```
mysql> INSERT INTO Employee (EmployeeID, Name, Email, ContactNumber, Role, Salary)
-> VALUES
-> (1, 'Arvind Kumar', 'arvind.kumar@example.com', '1234567890', 'Courier Manager', 60000.00),
-> (2, 'Priya Rajan', 'priya.rajan@example.com', '9876543210', 'Courier Agent', 50000.00),
-> (3, 'Manoj Balaji', 'manoj.balaji@example.com', '8765432109', 'Coordinator', 45000.00),
-> (4, 'Saranya Devi', 'saranya.devi@example.com', '7654321098', 'Delivery Specialist', 55000.00),
-> (5, 'Karthik Raja', 'karthik.raja@example.com', '6543210987', 'Package Inspector', 48000.00),
-> (6, 'Nithya Subramanian', 'nithya.subramanian@example.com', '5432109876', 'Route Planner', 70000.00),
-> (7, 'Rajesh Varadarajan', 'rajesh.varadarajan@example.com', '4321098765', 'Customer Support Agent', 48000.00),
-> (8, 'Meena Krishnan', 'meena.krishnan@example.com', '3210987654', 'Supervisor', 65000.00),
-> (9, 'Vijay Kumar', 'vijay.kumar@example.com', '2109876543', 'Manager', 60000.00),
-> (10, 'Kavitha Suresh', 'kavitha.suresh@example.com', '1098765432', 'Fleet Coordinator', 75000.00);
Query OK, 10 rows affected (0.01 sec)
Records: 10  Duplicates: 0  Warnings: 0
```

mysql> SELECT \* FROM Employee;

EmployeeID	Name	Email	ContactNumber	Role	Salary
1	Arvind Kumar	arvind.kumar@example.com	1234567890	Courier Manager	60000.00
2	Priya Rajan	priya.rajan@example.com	9876543210	Courier Agent	50000.00
3	Manoj Balaji	manoj.balaji@example.com	8765432109	Coordinator	45000.00
4	Saranya Devi	saranya.devi@example.com	7654321098	Delivery Specialist	55000.00
5	Karthik Raja	karthik.raja@example.com	6543210987	Package Inspector	48000.00
6	Nithya Subramanian	nithya.subramanian@example.com	5432109876	Route Planner	70000.00
7	Rajesh Varadarajan	rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00
8	Meena Krishnan	meena.krishnan@example.com	3210987654	Supervisor	65000.00
9	Vijay Kumar	vijay.kumar@example.com	2109876543	Manager	60000.00
10	Kavitha Suresh	kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00

10 rows in set (0.00 sec)

```

mysql> INSERT INTO Location (LocationID, LocationName, Address)
-> VALUES
-> (1, 'Chennai Central', '123 Central Street, Chennai'),
-> (2, 'Madurai Hub', '456 Hub Street, Madurai'),
-> (3, 'Coimbatore Station', '789 Station Street, Coimbatore'),
-> (4, 'Trichy Depot', '012 Depot Street, Trichy'),
-> (5, 'Salem Central', '345 Warehouse Street, Salem'),
-> (6, 'Tirunelveli Terminal', '678 Terminal Street, Tirunelveli'),
-> (7, 'Vellore Office', '901 Distribution Street, Vellore'),
-> (8, 'Erode Facility', '234 Facility Street, Erode'),
-> (9, 'Kanyakumari Dispatch Point', '567 Dispatch Street, Kanyakumari'),
-> (10, 'Thanjavur Office', '890 Sorting Street, Thanjavur');
Query OK, 10 rows affected (0.02 sec)
Records: 10  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM Location;
+-----+-----+-----+
| LocationID | LocationName | Address |
+-----+-----+-----+
| 1 | Chennai Central | 123 Central Street, Chennai |
| 2 | Madurai Hub | 456 Hub Street, Madurai |
| 3 | Coimbatore Station | 789 Station Street, Coimbatore |
| 4 | Trichy Depot | 012 Depot Street, Trichy |
| 5 | Salem Central | 345 Warehouse Street, Salem |
| 6 | Tirunelveli Terminal | 678 Terminal Street, Tirunelveli |
| 7 | Vellore Office | 901 Distribution Street, Vellore |
| 8 | Erode Facility | 234 Facility Street, Erode |
| 9 | Kanyakumari Dispatch Point | 567 Dispatch Street, Kanyakumari |
| 10 | Thanjavur Office | 890 Sorting Street, Thanjavur |
+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> INSERT INTO Payment (PaymentID, CourierID, LocationID, Amount, PaymentDate)
-> VALUES
-> (1, 1, 1, 20.00, '2024-01-13'),
-> (2, 2, 2, 15.50, '2024-01-14'),
-> (3, 3, 3, 25.00, '2024-01-15'),
-> (4, 4, 4, 30.00, '2024-01-16'),
-> (5, 5, 5, 18.50, '2024-01-17'),
-> (6, 6, 6, 22.00, '2024-01-18'),
-> (7, 7, 7, 35.00, '2024-01-19'),
-> (8, 8, 8, 28.50, '2024-01-20'),
-> (9, 9, 9, 15.00, '2024-01-21'),
-> (10, 10, 10, 12.00, '2024-01-22');
Query OK, 10 rows affected (0.02 sec)
Records: 10  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM Payment;
+-----+-----+-----+-----+-----+
| PaymentID | CourierID | LocationID | Amount | PaymentDate |
+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 20.00 | 2024-01-13 |
| 2 | 2 | 2 | 15.50 | 2024-01-14 |
| 3 | 3 | 3 | 25.00 | 2024-01-15 |
| 4 | 4 | 4 | 30.00 | 2024-01-16 |
| 5 | 5 | 5 | 18.50 | 2024-01-17 |
| 6 | 6 | 6 | 22.00 | 2024-01-18 |
| 7 | 7 | 7 | 35.00 | 2024-01-19 |
| 8 | 8 | 8 | 28.50 | 2024-01-20 |
| 9 | 9 | 9 | 15.00 | 2024-01-21 |
| 10 | 10 | 10 | 12.00 | 2024-01-22 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```

## Task 2: Select,Where

Solve the following queries in the Schema that you have created above

1. List all customers:

```

mysql> SELECT * FROM User;
+-----+-----+-----+-----+-----+-----+
| UserID | Name | Email | Password | ContactNumber | Address |
+-----+-----+-----+-----+-----+-----+
| 1 | Arjun | arjun@gmail.com | password123 | 1234567890 | 123 Street, City |
| 2 | Kaviya | kaviya@gmail.com | securepass | 9876543210 | 456 Street, Town |
| 3 | Mani | mani@gmail.com | pass123 | 8765432109 | 789 Street, Village |
| 4 | Priya | priya@gmail.com | mysecurepass | 7654321098 | 012 Street, County |
| 5 | Raj | raj@gmail.com | password456 | 6543210987 | 345 Street, District |
| 6 | Nisha | nisha@gmail.com | pass456 | 5432109876 | 678 Street, State |
| 7 | Ganesh | ganesh@gmail.com | securepassword | 4321098765 | 901 Street, Country |
| 8 | Saranya | saranya@gmail.com | password789 | 3210987654 | 234 Street, Province |
| 9 | Kumar | kumar@gmail.com | mypass789 | 2109876543 | 567 Street, Region |
| 10 | Shalini | shalini@gmail.com | passwordabc | 1098765432 | 890 Street, Territory |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```

2. List all orders for a specific customer:

```
mysql> SELECT * FROM Courier where ReceiverName='Kaviya' OR SenderName='Kaviya';
+-----+-----+-----+-----+-----+-----+-----+-----+
| CourierID | SenderName | SenderAddress | ReceiverName | ReceiverAddress | Weight | Status | TrackingNumber | DeliveryDate |
+-----+-----+-----+-----+-----+-----+-----+-----+
|     1 | Arjun      | 123 Street, City | Kaviya       | 456 Receiver Street, Town |  2.50 | In Transit | TN123456   | 2024-01-13 |
|     8 | Saranya    | 345 Street, District | Kaviya       | 234 Receiver Street, State |  2.80 | Delivered  | TN345234   | 2024-01-20 |
+-----+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

3. List all couriers:

```
mysql> SELECT * FROM Courier;
+-----+-----+-----+-----+-----+-----+-----+-----+
| CourierID | SenderName | SenderAddress | ReceiverName | ReceiverAddress | Weight | Status | TrackingNumber | DeliveryDate |
+-----+-----+-----+-----+-----+-----+-----+-----+
|     1 | Arjun      | 123 Street, City | Kaviya       | 456 Receiver Street, Town |  2.50 | In Transit | TN123456   | 2024-01-13 |
|     2 | Mani       | 789 Street, Village | Priya        | 012 Receiver Street, County |  3.70 | Delivered  | TN789012   | 2024-01-14 |
|     3 | Raj         | 345 Street, District | Nisha        | 678 Receiver Street, State |  1.80 | Out for Delivery | TN345678   | 2024-01-15 |
|     4 | Ganesh     | 901 Street, Country | Saranya     | 234 Receiver Street, Province |  4.20 | In Transit | TN901234   | 2024-01-16 |
|     5 | Kumar       | 567 Street, Region | Shalini      | 890 Receiver Street, Territory |  2.00 | Delivered  | TN567890   | 2024-01-17 |
|     6 | Arjun      | 123 Street, City | Mani         | 345 Receiver Street, Town |  3.50 | Out for Delivery | TN210345   | 2024-01-18 |
|     7 | Ganesh     | 901 Street, Country | Kumar        | 901 Receiver Street, County |  1.00 | In Transit | TN678901   | 2024-01-19 |
|     8 | Saranya    | 345 Street, District | Kaviya      | 234 Receiver Street, State |  2.80 | Delivered  | TN345234   | 2024-01-20 |
|     9 | Kumar       | 890 Street, Country | Shalini      | 567 Receiver Street, Province |  3.30 | Out for Delivery | TN890567   | 2024-01-21 |
|    10 | Nisha      | 234 Street, Region | Ganesh      | 890 Receiver Street, Territory |  1.50 | In Transit | TN234890   | 2024-01-22 |
+-----+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

4. List all packages for a specific order:

```
mysql> SELECT * FROM Courier WHERE CourierID = 7;
+-----+-----+-----+-----+-----+-----+-----+-----+
| CourierID | SenderName | SenderAddress | ReceiverName | ReceiverAddress | Weight | Status | TrackingNumber | DeliveryDate |
+-----+-----+-----+-----+-----+-----+-----+-----+
|     7 | Ganesh     | 901 Street, Country | Kumar        | 901 Receiver Street, County |  1.00 | In Transit | TN678901   | 2024-01-19 |
+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

5. List all deliveries for a specific courier:

```
mysql> SELECT CourierID,TrackingNumber,DeliveryDate FROM Courier WHERE status = 'Out for Delivery';
+-----+-----+-----+
| CourierID | TrackingNumber | DeliveryDate |
+-----+-----+-----+
|     3 | TN345678     | 2024-01-15 |
|     6 | TN210345     | 2024-01-18 |
|     9 | TN890567     | 2024-01-21 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

6. List all undelivered packages:

```
mysql> SELECT * FROM Courier WHERE Status != 'Delivered';
+-----+-----+-----+-----+-----+-----+-----+-----+
| CourierID | SenderName | SenderAddress | ReceiverName | ReceiverAddress | Weight | Status | TrackingNumber | DeliveryDate |
+-----+-----+-----+-----+-----+-----+-----+-----+
|     1 | Arjun      | 123 Street, City | Kaviya       | 456 Receiver Street, Town |  2.50 | In Transit | TN123456   | 2024-01-13 |
|     3 | Raj         | 345 Street, District | Nisha        | 678 Receiver Street, State |  1.80 | Out for Delivery | TN345678   | 2024-01-15 |
|     4 | Ganesh     | 901 Street, Country | Saranya     | 234 Receiver Street, Province |  4.20 | In Transit | TN901234   | 2024-01-16 |
|     6 | Arjun      | 123 Street, City | Mani         | 345 Receiver Street, Town |  3.50 | Out for Delivery | TN210345   | 2024-01-18 |
|     7 | Ganesh     | 901 Street, Country | Kumar        | 901 Receiver Street, County |  1.00 | In Transit | TN678901   | 2024-01-19 |
|     9 | Kumar       | 890 Street, Country | Shalini      | 567 Receiver Street, Province |  3.30 | Out for Delivery | TN890567   | 2024-01-21 |
|    10 | Nisha      | 234 Street, Region | Ganesh      | 890 Receiver Street, Territory |  1.50 | In Transit | TN234890   | 2024-01-22 |
+-----+-----+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

7. List all packages that are scheduled for delivery today:

```
mysql> SELECT * FROM Courier WHERE DeliveryDate=CURDATE();
+-----+-----+-----+-----+-----+-----+-----+-----+
| CourierID | SenderName | SenderAddress | ReceiverName | ReceiverAddress | Weight | Status | TrackingNumber | DeliveryDate |
+-----+-----+-----+-----+-----+-----+-----+-----+
|      1 | Arjun     | 123 Street, City | Kaviya       | 456 Receiver Street, Town |   2.50 | In Transit | TN123456 | 2024-01-13 |
+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.01 sec)
```

8. List all packages with a specific status:

```
mysql> SELECT * FROM Courier WHERE status='In Transit';
+-----+-----+-----+-----+-----+-----+-----+-----+
| CourierID | SenderName | SenderAddress | ReceiverName | ReceiverAddress | Weight | Status | TrackingNumber | DeliveryDate |
+-----+-----+-----+-----+-----+-----+-----+-----+
|      1 | Arjun     | 123 Street, City | Kaviya       | 456 Receiver Street, Town |   2.50 | In Transit | TN123456 | 2024-01-13 |
|      4 | Ganesh    | 901 Street, Country | Saranya     | 234 Receiver Street, Province |   4.20 | In Transit | TN901234 | 2024-01-16 |
|      7 | Ganesh    | 901 Street, Country | Kumar        | 901 Receiver Street, County |   1.00 | In Transit | TN678901 | 2024-01-19 |
|     10 | Nisha     | 234 Street, Region | Ganesh       | 890 Receiver Street, Territory |   1.50 | In Transit | TN234890 | 2024-01-22 |
+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

9. Calculate the total number of packages for each courier.

```
mysql> SELECT CourierID,COUNT(*) as Total_NO FROM Courier GROUP BY CourierID;
+-----+-----+
| CourierID | Total_NO |
+-----+-----+
|      1 |      1 |
|      2 |      1 |
|      3 |      1 |
|      4 |      1 |
|      5 |      1 |
|      6 |      1 |
|      7 |      1 |
|      8 |      1 |
|      9 |      1 |
|     10 |      1 |
+-----+-----+
10 rows in set (0.01 sec)
```

10. Find the average delivery time for each courier

```
mysql> SELECT CourierID,AVG(TIMESTAMPDIFF(Day,DeliveryDate,CURDATE())) AS AverageDeliveryTime FROM Courier GROUP BY CourierID;
+-----+-----+
| CourierID | AverageDeliveryTime |
+-----+-----+
|      1 |      0.0000 |
|      2 |     -1.0000 |
|      3 |     -2.0000 |
|      4 |     -3.0000 |
|      5 |     -4.0000 |
|      6 |     -5.0000 |
|      7 |     -6.0000 |
|      8 |     -7.0000 |
|      9 |     -8.0000 |
|     10 |     -9.0000 |
+-----+-----+
10 rows in set (0.00 sec)
```

11. List all packages with a specific weight range:

```
mysql> SELECT * FROM Courier WHERE weight in (1,1.50);
+-----+-----+-----+-----+-----+-----+-----+
| CourierID | SenderName | SenderAddress | ReceiverName | ReceiverAddress | Weight | Status | TrackingNumber | DeliveryDate |
+-----+-----+-----+-----+-----+-----+-----+
|      7 | Ganesh    | 901 Street, Country | Kumar        | 901 Receiver Street, County |   1.00 | In Transit | TN678901 | 2024-01-19 |
|     10 | Nisha     | 234 Street, Region | Ganesh       | 890 Receiver Street, Territory |   1.50 | In Transit | TN234890 | 2024-01-22 |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

12. Retrieve employees whose names contain 'John'

```
mysql> SELECT * FROM Employee WHERE name REGEXP 'John';
+-----+-----+-----+-----+-----+
| EmployeeID | Name      | Email           | ContactNumber | Role      | Salary   |
+-----+-----+-----+-----+-----+
|      11 | John Snow | john.snow@hexa.com | 1234567890   | Assistant | 60000.00 |
+-----+-----+-----+-----+-----+
1 row in set (0.01 sec)

mysql> SELECT * FROM Employee WHERE name LIKE '%John%';
+-----+-----+-----+-----+-----+
| EmployeeID | Name      | Email           | ContactNumber | Role      | Salary   |
+-----+-----+-----+-----+-----+
|      11 | John Snow | john.snow@hexa.com | 1234567890   | Assistant | 60000.00 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

13. Retrieve all courier records with payments greater than \$50.

```
mysql> SELECT * FROM Courier c JOIN Payment p ON c.CourierID=p.CourierID WHERE Amount>50;
Empty set (0.00 sec)

mysql> SELECT * FROM payment;
+-----+-----+-----+-----+-----+
| PaymentID | CourierID | LocationID | Amount | PaymentDate |
+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 20.00 | 2024-01-13 |
| 2 | 2 | 2 | 15.50 | 2024-01-14 |
| 3 | 3 | 3 | 25.00 | 2024-01-15 |
| 4 | 4 | 4 | 30.00 | 2024-01-16 |
| 5 | 5 | 5 | 18.50 | 2024-01-17 |
| 6 | 6 | 6 | 22.00 | 2024-01-18 |
| 7 | 7 | 7 | 35.00 | 2024-01-19 |
| 8 | 8 | 8 | 28.50 | 2024-01-20 |
| 9 | 9 | 9 | 15.00 | 2024-01-21 |
| 10 | 10 | 10 | 12.00 | 2024-01-22 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

### Task 3: GroupBy, Aggregate Functions, Having, Order By, where

14. Find the total number of couriers handled by each employee.

```
mysql> SELECT E.EmployeeID, E.Name AS EmployeeName, COUNT(C.CourierID) AS TotalCouriersHandled
-> FROM Employee E
-> LEFT JOIN Courier C ON E.EmployeeID = C.EmployeeID
-> GROUP BY E.EmployeeID, E.Name
-> ORDER BY TotalCouriersHandled DESC;
+-----+-----+-----+
| EmployeeID | EmployeeName | TotalCouriersHandled |
+-----+-----+-----+
| 1 | Arvind Kumar | 2 |
| 2 | Priya Rajan | 2 |
| 3 | Manoj Balaji | 2 |
| 4 | Saranya Devi | 2 |
| 5 | Karthik Raja | 2 |
| 6 | Nithya Subramanian | 0 |
| 7 | Rajesh Varadarajan | 0 |
| 8 | Meena Krishnan | 0 |
| 9 | Vijay Kumar | 0 |
| 10 | Kavitha Suresh | 0 |
| 11 | John Snow | 0 |
+-----+-----+-----+
11 rows in set (0.00 sec)
```

15. Calculate the total revenue generated by each location

```
mysql> SELECT l.LocationID,l.LocationName,SUM(p.Amount) AS Total_Amount
-> FROM Location l
-> JOIN payment p
-> ON p.LocationID=l.LocationID
-> GROUP BY l.LocationID;
+-----+-----+-----+
| LocationID | LocationName | Total_Amount |
+-----+-----+-----+
| 1 | Chennai Central | 20.00 |
| 2 | Madurai Hub | 15.50 |
| 3 | Coimbatore Station | 25.00 |
| 4 | Trichy Depot | 30.00 |
| 5 | Salem Central | 18.50 |
| 6 | Tirunelveli Terminal | 22.00 |
| 7 | Vellore Office | 35.00 |
| 8 | Erode Facility | 28.50 |
| 9 | Kanyakumari Dispatch Point | 15.00 |
| 10 | Thanjavur Office | 12.00 |
+-----+-----+-----+
10 rows in set (0.00 sec)
```

16. Find the total number of couriers delivered to each location.

```
mysql> SELECT l.locationID,l.locationName,COUNT(p.CourierID) AS Count_Of_Couriers
    -> FROM Location l
    -> JOIN Payment p
    -> ON p.LocationID=l.LocationID
    -> GROUP BY l.locationID;
+-----+-----+-----+
| locationID | locationName | Count_Of_Couriers |
+-----+-----+-----+
| 1 | Chennai Central | 1 |
| 2 | Madurai Hub | 1 |
| 3 | Coimbatore Station | 1 |
| 4 | Trichy Depot | 1 |
| 5 | Salem Central | 1 |
| 6 | Tirunelveli Terminal | 1 |
| 7 | Vellore Office | 1 |
| 8 | Erode Facility | 1 |
| 9 | Kanyakumari Dispatch Point | 1 |
| 10 | Thanjavur Office | 1 |
+-----+-----+-----+
10 rows in set (0.00 sec)
```

17. Find the courier with the highest average delivery time:

```
mysql> SELECT CourierID, AVG(TIMESTAMPDIFF(DAY, DeliveryDate, CURDATE())) AS DeliveryTime
    -> FROM courier
    -> GROUP BY CourierID
    -> ORDER BY DeliveryTime DESC
    -> LIMIT 1;
+-----+-----+
| CourierID | DeliveryTime |
+-----+-----+
| 1 | 2.0000 |
+-----+-----+
1 row in set (0.00 sec)
```

18. Find Locations with Total Payments Less Than a Certain Amount

```
mysql> SELECT l.LocationID,l.LocationName,SUM(p.Amount) AS TotalPayments
    -> FROM location l
    -> JOIN
    -> Payment p ON l.locationID=p.LocationID
    -> GROUP BY l.locationID
    -> HAVING TotalPayments<20;
+-----+-----+-----+
| LocationID | LocationName | TotalPayments |
+-----+-----+-----+
| 2 | Madurai Hub | 15.50 |
| 5 | Salem Central | 18.50 |
| 9 | Kanyakumari Dispatch Point | 15.00 |
| 10 | Thanjavur Office | 12.00 |
+-----+-----+-----+
4 rows in set (0.00 sec)
```

19. Calculate Total Payments per Location

```
mysql> SELECT l.LocationID,l.LocationName,SUM(p.Amount) AS TotalPayments
    -> FROM location l
    -> JOIN
    -> Payment p ON l.locationID=p.LocationID
    -> GROUP BY l.locationID;
+-----+-----+-----+
| LocationID | LocationName | TotalPayments |
+-----+-----+-----+
| 1 | Chennai Central | 20.00 |
| 2 | Madurai Hub | 15.50 |
| 3 | Coimbatore Station | 25.00 |
| 4 | Trichy Depot | 30.00 |
| 5 | Salem Central | 18.50 |
| 6 | Tirunelveli Terminal | 22.00 |
| 7 | Vellore Office | 35.00 |
| 8 | Erode Facility | 28.50 |
| 9 | Kanyakumari Dispatch Point | 15.00 |
| 10 | Thanjavur Office | 12.00 |
+-----+-----+-----+
10 rows in set (0.00 sec)
```

20. Retrieve couriers who have received payments totaling more than \$1000 in a specific location (LocationID = X):

```
mysql> SELECT CourierID,SUM(Amount) AS Total_Payment_Received
-> FROM Payment
-> GROUP BY CourierID
-> HAVING Total_Payment_Received>1000;
+-----+
| CourierID | Total_Payment_Received |
+-----+
|      1 |          1200.00 |
|      3 |          1900.00 |
|      5 |          7100.00 |
|      7 |          1001.00 |
+-----+
4 rows in set (0.00 sec)
```

21. Retrieve couriers who have received payments totaling more than \$1000 after a certain date

(PaymentDate > 'YYYY-MM-DD'):

```
mysql> SELECT C.CourierID, C.SenderName, C.ReceiverName, SUM(P.Amount) AS TotalPaymentsReceived
-> FROM Courier C
-> JOIN Payment P ON C.CourierID = P.CourierID
-> WHERE P.PaymentDate > CURDATE()
-> GROUP BY C.CourierID, C.SenderName, C.ReceiverName
-> HAVING TotalPaymentsReceived > 1000;
+-----+-----+-----+
| CourierID | SenderName | ReceiverName | TotalPaymentsReceived |
+-----+-----+-----+
|      5 | Kumar     | Shalini     |          7100.00 |
|      7 | Ganesh    | Kumar       |          1001.00 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

22. Retrieve locations where the total amount received is more than \$5000 before a certain date

(PaymentDate > 'YYYY-MM-DD')

```
mysql> SELECT l.LocationID,l.LocationName,SUM(p.Amount) AS Total_Payment_Received
-> FROM Location l
-> JOIN Payment p ON l.locationID=p.LocationID
-> WHERE p.PaymentDate<CURDATE()
-> GROUP BY p.LocationID
-> HAVING Total_Payment_Received>1000;
+-----+-----+
| LocationID | LocationName | Total_Payment_Received |
+-----+-----+
|        1 | Chennai Central |          1200.00 |
+-----+
1 row in set (0.00 sec)
```

#### Task 4: Inner Join, Full Outer Join, Cross Join, Left Outer Join, Right Outer Join

## 23. Retrieve Payments with Courier Information

```
mysql> SELECT P.PaymentID, P.CourierID, P.LocationID, P.Amount, P.PaymentDate,
   -> C.SenderName, C.ReceiverName, C.Status
   -> FROM Payment P
   -> JOIN Courier C ON P.CourierID = C.CourierID;
+-----+-----+-----+-----+-----+-----+-----+-----+
| PaymentID | CourierID | LocationID | Amount | PaymentDate | SenderName | ReceiverName | Status
+-----+-----+-----+-----+-----+-----+-----+-----+
|       1 |        1 |         1 | 1200.00 | 2024-01-13 | Arjun     | Kaviya      | In Transit
|       2 |        2 |         2 | 900.00  | 2024-01-14 | Mani      | Priya       | Delivered
|       3 |        3 |         3 | 1900.00 | 2024-01-15 | Raj        | Nisha       | Out for Delivery
|       4 |        4 |         4 | 700.00  | 2024-01-16 | Ganesh    | Saranya     | In Transit
|       5 |        5 |         5 | 7100.00 | 2024-01-17 | Kumar     | Shalini     | Delivered
|       6 |        6 |         6 | 100.00  | 2024-01-18 | Arjun     | Mani        | Out for Delivery
|       7 |        7 |         7 | 1001.00 | 2024-01-19 | Ganesh    | Kumar       | In Transit
|       8 |        8 |         8 | 28.50   | 2024-01-20 | Saranya   | Kaviya      | Delivered
|       9 |        9 |         9 | 15.00   | 2024-01-21 | Kumar     | Shalini     | Out for Delivery
|      10 |       10 |        10 | 12.00   | 2024-01-22 | Nisha     | Ganesh      | In Transit
+-----+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

## 24. Retrieve Payments with Location Information

```

mysql> SELECT P.PaymentID, P.CourierID, P.LocationID, P.Amount, P.PaymentDate,
   -> l.locationID,l.LocationName
   -> FROM Payment P
   -> JOIN Location l ON l.LocationID=p.LocationID;
+-----+-----+-----+-----+-----+-----+-----+
| PaymentID | CourierID | LocationID | Amount | PaymentDate | locationID | LocationName |
+-----+-----+-----+-----+-----+-----+-----+
|      1 |        1 |         1 | 1200.00 | 2024-01-13 |          1 | Chennai Central
|      2 |        2 |         2 | 900.00  | 2024-01-14 |          2 | Madurai Hub
|      3 |        3 |         3 | 1900.00 | 2024-01-15 |          3 | Coimbatore Station
|      4 |        4 |         4 | 700.00   | 2024-01-16 |          4 | Trichy Depot
|      5 |        5 |         5 | 7100.00 | 2024-01-17 |          5 | Salem Central
|      6 |        6 |         6 | 100.00   | 2024-01-18 |          6 | Tirunelveli Terminal
|      7 |        7 |         7 | 1001.00 | 2024-01-19 |          7 | Vellore Office
|      8 |        8 |         8 | 28.50    | 2024-01-20 |          8 | Erode Facility
|      9 |        9 |         9 | 15.00    | 2024-01-21 |          9 | Kanyakumari Dispatch Point
|     10 |       10 |        10 | 12.00   | 2024-01-22 |         10 | Thanjavur Office
+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```

## 25. Retrieve Payments with Courier and Location Information

26. List all payments with courier details

```
mysql> SELECT P.PaymentID, P.CourierID, P.LocationID, P.Amount, P.PaymentDate,
-> C.SenderName, C.ReceiverName, C.Status
-> FROM Payment P
-> JOIN Courier C ON P.CourierID = C.CourierID;
+-----+-----+-----+-----+-----+-----+-----+-----+
| PaymentID | CourierID | LocationID | Amount | PaymentDate | SenderName | ReceiverName | Status
+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 1200.00 | 2024-01-13 | Arjun | Kaviya | In Transit
| 2 | 2 | 2 | 900.00 | 2024-01-14 | Mani | Priya | Delivered
| 3 | 3 | 3 | 1900.00 | 2024-01-15 | Raj | Nisha | Out for Delivery
| 4 | 4 | 4 | 700.00 | 2024-01-16 | Ganesh | Saranya | In Transit
| 5 | 5 | 5 | 7100.00 | 2024-01-17 | Kumar | Shalini | Delivered
| 6 | 6 | 6 | 100.00 | 2024-01-18 | Arjun | Mani | Out for Delivery
| 7 | 7 | 7 | 1001.00 | 2024-01-19 | Ganesh | Kumar | In Transit
| 8 | 8 | 8 | 28.50 | 2024-01-20 | Saranya | Kaviya | Delivered
| 9 | 9 | 9 | 15.00 | 2024-01-21 | Kumar | Shalini | Out for Delivery
| 10 | 10 | 10 | 12.00 | 2024-01-22 | Nisha | Ganesh | In Transit
+-----+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

27. Total payments received for each courier

```
mysql> SELECT c.CourierID, c.SenderName, c.ReceiverName, SUM(p.Amount) as Total_Payments
-> FROM Courier c
-> JOIN Payment p ON c.CourierID=p.CourierID
-> GROUP BY CourierID;
+-----+-----+-----+-----+
| CourierID | SenderName | ReceiverName | Total_Payments |
+-----+-----+-----+-----+
| 1 | Arjun | Kaviya | 1200.00 |
| 2 | Mani | Priya | 900.00 |
| 3 | Raj | Nisha | 1900.00 |
| 4 | Ganesh | Saranya | 700.00 |
| 5 | Kumar | Shalini | 7100.00 |
| 6 | Arjun | Mani | 100.00 |
| 7 | Ganesh | Kumar | 1001.00 |
| 8 | Saranya | Kaviya | 28.50 |
| 9 | Kumar | Shalini | 15.00 |
| 10 | Nisha | Ganesh | 12.00 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

28. List payments made on a specific date

```
mysql> SELECT * FROM Payment WHERE PaymentDate=CURDATE();
+-----+-----+-----+-----+-----+
| PaymentID | CourierID | LocationID | Amount | PaymentDate |
+-----+-----+-----+-----+-----+
| 3 | 3 | 3 | 1900.00 | 2024-01-15 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

29. Get Courier Information for Each Payment

```
mysql> SELECT P.PaymentID, P.CourierID, P.Amount, P.PaymentDate,
-> C.SenderName, C.ReceiverName, C.Status
-> FROM Payment P
-> JOIN Courier C ON P.CourierID = C.CourierID;
+-----+-----+-----+-----+-----+-----+-----+
| PaymentID | CourierID | Amount | PaymentDate | SenderName | ReceiverName | Status
+-----+-----+-----+-----+-----+-----+-----+
| 1 | 1 | 1200.00 | 2024-01-13 | Arjun | Kaviya | In Transit
| 2 | 2 | 900.00 | 2024-01-14 | Mani | Priya | Delivered
| 3 | 3 | 1900.00 | 2024-01-15 | Raj | Nisha | Out for Delivery
| 4 | 4 | 700.00 | 2024-01-16 | Ganesh | Saranya | In Transit
| 5 | 5 | 7100.00 | 2024-01-17 | Kumar | Shalini | Delivered
| 6 | 6 | 100.00 | 2024-01-18 | Arjun | Mani | Out for Delivery
| 7 | 7 | 1001.00 | 2024-01-19 | Ganesh | Kumar | In Transit
| 8 | 8 | 28.50 | 2024-01-20 | Saranya | Kaviya | Delivered
| 9 | 9 | 15.00 | 2024-01-21 | Kumar | Shalini | Out for Delivery
| 10 | 10 | 12.00 | 2024-01-22 | Nisha | Ganesh | In Transit
+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

### 30. Get Payment Details with Location

```
mysql> SELECT P.PaymentID, P.CourierID, P.LocationID, P.Amount, P.PaymentDate,
-> L.LocationName
-> FROM Payment P
-> LEFT JOIN Location L ON P.LocationID = L.LocationID;
+-----+-----+-----+-----+-----+
| PaymentID | CourierID | LocationID | Amount | PaymentDate | LocationName |
+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 1200.00 | 2024-01-13 | Chennai Central
| 2 | 2 | 2 | 900.00 | 2024-01-14 | Madurai Hub
| 3 | 3 | 3 | 1900.00 | 2024-01-15 | Coimbatore Station
| 4 | 4 | 4 | 700.00 | 2024-01-16 | Trichy Depot
| 5 | 5 | 5 | 7100.00 | 2024-01-17 | Salem Central
| 6 | 6 | 6 | 100.00 | 2024-01-18 | Tirunelveli Terminal
| 7 | 7 | 7 | 1001.00 | 2024-01-19 | Vellore Office
| 8 | 8 | 8 | 28.50 | 2024-01-20 | Erode Facility
| 9 | 9 | 9 | 15.00 | 2024-01-21 | Kanyakumari Dispatch Point
| 10 | 10 | 10 | 12.00 | 2024-01-22 | Thanjavur Office
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

### 31. Calculating Total Payments for Each Courier

```
mysql> SELECT C.CourierID, C.SenderName, C.ReceiverName, SUM(P.Amount) AS TotalPayments
-> FROM Courier C
-> LEFT JOIN Payment P ON C.CourierID = P.CourierID
-> GROUP BY C.CourierID, C.SenderName, C.ReceiverName;
+-----+-----+-----+-----+
| CourierID | SenderName | ReceiverName | TotalPayments |
+-----+-----+-----+-----+
| 1 | Arjun | Kaviya | 1200.00 |
| 2 | Mani | Priya | 900.00 |
| 3 | Raj | Nisha | 1900.00 |
| 4 | Ganesh | Saranya | 700.00 |
| 5 | Kumar | Shalini | 7100.00 |
| 6 | Arjun | Mani | 100.00 |
| 7 | Ganesh | Kumar | 1001.00 |
| 8 | Saranya | Kaviya | 28.50 |
| 9 | Kumar | Shalini | 15.00 |
| 10 | Nisha | Ganesh | 12.00 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

### 32. List Payments Within a Date Range

```
mysql> SELECT * FROM Payment WHERE PaymentDate BETWEEN '2024-01-11' AND CURDATE();
+-----+-----+-----+-----+
| PaymentID | CourierID | LocationID | Amount | PaymentDate |
+-----+-----+-----+-----+
| 1 | 1 | 1 | 1200.00 | 2024-01-13 |
| 2 | 2 | 2 | 900.00 | 2024-01-14 |
| 3 | 3 | 3 | 1900.00 | 2024-01-15 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

### 33. Retrieve a list of all users and their corresponding courier records, including cases where there are no matches on either side

```
mysql> SELECT *
-> FROM User U
-> LEFT JOIN Courier C ON U.UserID = C.UserID
-> UNION
-> SELECT *
-> FROM User U
-> RIGHT JOIN Courier C ON U.UserID = C.UserID
-> WHERE U.UserID IS NULL;
```

User ID	Name	Email	Password	Contact Number	Address	Courier ID	Sender Name	Sender Address	Receiver Name
me	Receiver Address		Weight	Status	Tracking Number	Delivery Date	Employee ID	User ID	
1   Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	2   Mani	789 Street, Village	Priya		
012 Receiver Street, County		3.70   Delivered	TN789012	2024-01-14	1   1	1   1			
1   Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	1   Arjun	123 Street, City	Kaviya		
456 Receiver Street, Town		2.50   In Transit	TN123456	2024-01-13	1   Arjun	123 Street, City	Kaviya		
2   Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	4   Ganesh	901 Street, Country	Saranya		
234 Receiver Street, Province		4.20   In Transit	TN901234	2024-01-16	2   2	2   2			
2   Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	3   Raj	345 Street, District	Nisha		
678 Receiver Street, State		1.80   Out for Delivery	TN345678	2024-01-15	2   2	2   2			
3   Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	6   Arjun	123 Street, City	Mani		
345 Receiver Street, Town		3.50   Out for Delivery	TN210345	2024-01-18	3   3	3   3			
3   Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	5   Kumar	567 Street, Region	Shalini		
890 Receiver Street, Territory		2.00   Delivered	TN567890	2024-01-17	3   3	3   3			
4   Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	NULL   NULL	NULL   NULL			
NULL		NULL   NULL	NULL   NULL	NULL	NULL   NULL	NULL   NULL			
5   Raj	raj@gmail.com	password456	6543210987	345 Street, District	NULL   NULL	NULL   NULL			
NULL		NULL   NULL	NULL   NULL	NULL	NULL   NULL	NULL   NULL			
6   Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	NULL   NULL	NULL   NULL			
NULL		NULL   NULL	NULL   NULL	NULL	NULL   NULL	NULL   NULL			
7   Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	NULL   NULL	NULL   NULL			
NULL		NULL   NULL	NULL   NULL	NULL	NULL   NULL	NULL   NULL			
8   Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	NULL   NULL	NULL   NULL			
NULL		NULL   NULL	NULL   NULL	NULL	NULL   NULL	NULL   NULL			
9   Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	NULL   NULL	NULL   NULL			
NULL		NULL   NULL	NULL   NULL	NULL	NULL   NULL	NULL   NULL			
10   Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	NULL   NULL	NULL   NULL			
NULL		NULL   NULL	NULL   NULL	NULL	NULL   NULL	NULL   NULL			
NULL   NULL	NULL   NULL	NULL   NULL	NULL   NULL	NULL	7   Ganesh	901 Street, Country	Kumar		
901 Receiver Street, County		1.00   In Transit	TN678901	2024-01-19	4   NULL	4   NULL			
NULL   NULL	NULL   NULL	NULL   NULL	NULL   NULL	NULL	8   Saranya	345 Street, District	Kaviya		
234 Receiver Street, State		2.80   Delivered	TN345234	2024-01-20	4   NULL	4   NULL			
NULL   NULL	NULL   NULL	NULL   NULL	NULL   NULL	NULL	9   Kumar	890 Street, Country	Shalini		
567 Receiver Street, Province		3.30   Out for Delivery	TN890567	2024-01-21	5   NULL	5   NULL			
NULL   NULL	NULL   NULL	NULL   NULL	NULL   NULL	NULL	10   Nisha	234 Street, Region	Ganesh		
890 Receiver Street, Territory		1.50   In Transit	TN234890	2024-01-22	5   NULL	5   NULL			

35. Retrieve a list of all employees and their corresponding payments, including cases where there are no matches on either side.

```
mysql> SELECT *
    -> FROM Employee E
    -> LEFT JOIN Courier C ON E.EmployeeID = C.EmployeeID
    -> LEFT JOIN Payment P ON C.CourierID = P.CourierID;
```

Employee ID	Name	Email	Contact Number	Role	Salary	Courier ID	Sender Name	Sender Address	Payment ID	C
Employee ID	Receiver Name	Receiver Address	Weight	Status	Tracking Number	Delivery Date	Employee ID	User ID	Payment ID	C
1   Arvind Kumar	arvind.kumar@example.com	1234567890	Courier Manager	60000.00	2   Mani	789 Street				
, Village	Priya	012 Receiver Street, County	3.70   Delivered	TN789012	2024-01-14	1   1	2   2			
2	2   900.00   2024-01-14									
1   Arvind Kumar	arvind.kumar@example.com	1234567890	Courier Manager	60000.00	1   Arjun	123 Street				
, City	Kaviya	456 Receiver Street, Town	2.50   In Transit	TN123456	2024-01-13	1   1				
1	1   1200.00   2024-01-13									
2	Priya Rajan	priya.rajan@example.com	9876543210	Courier Agent	50000.00	4   Ganesh	901 Street			
, Country	Saranya	234 Receiver Street, Province	4.20   In Transit	TN901234	2024-01-16	2   2	4   4			
4	4   700.00   2024-01-16									
2   Priya Rajan	priya.rajan@example.com	9876543210	Courier Agent	50000.00	3   Raj	345 Street				
, District	Nisha	678 Receiver Street, State	1.80   Out for Delivery	TN345678	2024-01-15	2   2	3   3			
3	3   1900.00   2024-01-15									
3   Manoj Balaji	manoj.balaji@example.com	8765432109	Coordinator	45000.00	6   Arjun	123 Street				
, City	Mani	345 Receiver Street, Town	3.50   Out for Delivery	TN210345	2024-01-18	3   3	6   6			
6	6   100.00   2024-01-18									
3   Manoj Balaji	manoj.balaji@example.com	8765432109	Coordinator	45000.00	5   Kumar	567 Street				
, Region	Shalini	890 Receiver Street, Territory	2.00   Delivered	TN567890	2024-01-17	3   3	5   5			
5	5   7100.00   2024-01-17									
4   Saranya Devi	saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	8   Saranya	345 Street				
, District	Kaviya	234 Receiver Street, State	2.80   Delivered	TN345234	2024-01-20	4   NULL	8   8			
8	8   28.50   2024-01-20									
4   Saranya Devi	saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	7   Ganesh	901 Street				
, Country	Kumar	901 Receiver Street, County	1.00   In Transit	TN678901	2024-01-19	4   NULL	7   7			
7	7   1001.00   2024-01-19									
5   Karthik Raja	karthik.raja@example.com	6543210987	Package Inspector	48000.00	10   Nisha	234 Street				
, Region	Ganesh	890 Receiver Street, Territory	1.50   In Transit	TN234890	2024-01-22	5   NULL	10   10			
10	10   12.00   2024-01-22									
5   Karthik Raja	karthik.raja@example.com	6543210987	Package Inspector	48000.00	9   Kumar	890 Street				
, Country	Shalini	567 Receiver Street, Province	3.30   Out for Delivery	TN890567	2024-01-21	5   NULL	9   9			
9	9   15.00   2024-01-21									
NULL   NULL										
NULL   NULL										
7   Rajesh Varadarajan	rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	NULL   NULL	NULL   NULL				
NULL   NULL										
8   Meena Krishnan	meena.krishnan@example.com	3210987654	Supervisor	65000.00	NULL   NULL	NULL   NULL				
NULL   NULL										
9   Vijay Kumar	vijay.kumar@example.com	2109876543	Manager	60000.00	NULL   NULL	NULL   NULL				
NULL   NULL										
10   Kavitha Suresh	kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	NULL   NULL	NULL   NULL				
NULL   NULL										
11   John Snow	john.snow@hexa.com	1234567890	Assistant	60000.00	NULL   NULL	NULL   NULL				
NULL   NULL										

16 rows in set (0.00 sec)

36. List all users and all courier services, showing all possible combinations.

```
mysql> SELECT *
-> FROM user
-> CROSS JOIN courierservices;
```

UserID	Name	Email	Password	ContactNumber	Address	ServiceID	ServiceName	Cost
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	1	Standard Delivery	10.00
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	1	Standard Delivery	10.00
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	1	Standard Delivery	10.00
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	1	Standard Delivery	10.00
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	1	Standard Delivery	10.00
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	1	Standard Delivery	10.00
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	1	Standard Delivery	10.00
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	1	Standard Delivery	10.00
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	1	Standard Delivery	10.00
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	1	Standard Delivery	10.00
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	2	Express Delivery	15.50
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	2	Express Delivery	15.50
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	2	Express Delivery	15.50
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	2	Express Delivery	15.50
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	2	Express Delivery	15.50
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	2	Express Delivery	15.50
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	2	Express Delivery	15.50
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	2	Express Delivery	15.50
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	2	Express Delivery	15.50
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	2	Express Delivery	15.50
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	3	Oversight Delivery	25.00
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	3	Oversight Delivery	25.00
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	3	Oversight Delivery	25.00
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	3	Oversight Delivery	25.00
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	3	Oversight Delivery	25.00
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	3	Oversight Delivery	25.00
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	3	Oversight Delivery	25.00
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	3	Oversight Delivery	25.00
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	3	Oversight Delivery	25.00
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	3	Oversight Delivery	25.00
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	4	Same-Day Delivery	30.00
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	4	Same-Day Delivery	30.00
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	4	Same-Day Delivery	30.00
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	4	Same-Day Delivery	30.00
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	4	Same-Day Delivery	30.00
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	4	Same-Day Delivery	30.00
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	4	Same-Day Delivery	30.00
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	4	Same-Day Delivery	30.00
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	4	Same-Day Delivery	30.00
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	4	Same-Day Delivery	30.00
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	5	Economy Delivery	8.50
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	5	Economy Delivery	8.50
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	5	Economy Delivery	8.50
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	5	Economy Delivery	8.50
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	5	Economy Delivery	8.50
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	5	Economy Delivery	8.50
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	5	Economy Delivery	8.50
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	5	Economy Delivery	8.50
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	5	Economy Delivery	8.50
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	5	Economy Delivery	8.50
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	6	International Standard	28.00
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	6	International Standard	28.00
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	6	International Standard	28.00
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	6	International Standard	28.00
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	6	International Standard	28.00
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	6	International Standard	28.00
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	6	International Standard	28.00
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	6	International Standard	28.00
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	6	International Standard	28.00
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	6	International Standard	28.00
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	7	International Express	35.00
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	7	International Express	35.00
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	7	International Express	35.00
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	7	International Express	35.00
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	7	International Express	35.00
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	7	International Express	35.00
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	7	International Express	35.00
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	7	International Express	35.00
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	7	International Express	35.00
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	7	International Express	35.00
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	8	International Economy	15.00
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	8	International Economy	15.00
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	8	International Economy	15.00
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	8	International Economy	15.00
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	8	International Economy	15.00
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	8	International Economy	15.00
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	8	International Economy	15.00
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	8	International Economy	15.00
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	8	International Economy	15.00
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	8	International Economy	15.00
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	9	Priority Delivery	18.00
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	9	Priority Delivery	18.00
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	9	Priority Delivery	18.00
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	9	Priority Delivery	18.00
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	9	Priority Delivery	18.00
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	9	Priority Delivery	18.00
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	9	Priority Delivery	18.00
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	9	Priority Delivery	18.00
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	9	Priority Delivery	18.00
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	9	Priority Delivery	18.00
10	Shalini	shalini@gmail.com	passwordabc	1098765432	890 Street, Territory	10	Local Pickup	5.00
9	Kumar	kumar@gmail.com	mypass789	2109876543	567 Street, Region	10	Local Pickup	5.00
8	Saranya	saranya@gmail.com	password789	3210987654	234 Street, Province	10	Local Pickup	5.00
7	Ganesh	ganesh@gmail.com	securepassword	4321098765	901 Street, Country	10	Local Pickup	5.00
6	Nisha	nisha@gmail.com	pass456	5432109876	678 Street, State	10	Local Pickup	5.00
5	Raj	raj@gmail.com	password456	6543210987	345 Street, District	10	Local Pickup	5.00
4	Priya	priya@gmail.com	mysecurepass	7654321098	012 Street, County	10	Local Pickup	5.00
3	Mani	mani@gmail.com	pass123	8765432109	789 Street, Village	10	Local Pickup	5.00
2	Kaviya	kaviya@gmail.com	securepass	9876543210	456 Street, Town	10	Local Pickup	5.00
1	Arjun	arjun@gmail.com	password123	1234567890	123 Street, City	10	Local Pickup	5.00

100 rows in set (0.00 sec)

37. List all employees and all locations, showing all possible combinations:

mysql> SELECT * -> FROM employee -> CROSS JOIN location;							
EmployeeID	Name	Email	ContactNumber	Role	Salary	LocationID	LocationName
11	John Snow	john.snow@hexa.com	1234567890	Assistant	60000.00	1	Chennai Central
123	Central Street, Chennai						
10	Kavitha Suresh	kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	1	Chennai Central
123	Central Street, Chennai						
9	Vijay Kumar	vijay.kumar@example.com	2109876543	Manager	60000.00	1	Chennai Central
123	Central Street, Chennai						
8	Meena Krishnan	meena.krishnan@example.com	3210987654	Supervisor	65000.00	1	Chennai Central
123	Central Street, Chennai						
7	Rajesh Varadarajan	rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	1	Chennai Central
123	Central Street, Chennai						
6	Nithya Subramanian	nithya.subramanian@example.com	5432109876	Route Planner	70000.00	1	Chennai Central
123	Central Street, Chennai						
5	Karthik Raja	karthik.raja@example.com	6543210987	Package Inspector	48000.00	1	Chennai Central
123	Central Street, Chennai						
4	Saranya Devi	saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	1	Chennai Central
123	Central Street, Chennai						
3	Manoj Balaji	manoj.balaji@example.com	8765432109	Coordinator	45000.00	1	Chennai Central
123	Central Street, Chennai						
2	Priya Rajan	priya.rajan@example.com	9876543210	Courier Agent	50000.00	1	Chennai Central
123	Central Street, Chennai						
1	Arvind Kumar	arvind.kumar@example.com	1234567890	Courier Manager	60000.00	1	Chennai Central
123	Central Street, Chennai						
11	John Snow	john.snow@hexa.com	1234567890	Assistant	60000.00	2	Madurai Hub
456	Hub Street, Madurai						
10	Kavitha Suresh	kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	2	Madurai Hub
456	Hub Street, Madurai						
9	Vijay Kumar	vijay.kumar@example.com	2109876543	Manager	60000.00	2	Madurai Hub
456	Hub Street, Madurai						
8	Meena Krishnan	meena.krishnan@example.com	3210987654	Supervisor	65000.00	2	Madurai Hub
456	Hub Street, Madurai						
7	Rajesh Varadarajan	rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	2	Madurai Hub
456	Hub Street, Madurai						
6	Nithya Subramanian	nithya.subramanian@example.com	5432109876	Route Planner	70000.00	2	Madurai Hub
456	Hub Street, Madurai						
5	Karthik Raja	karthik.raja@example.com	6543210987	Package Inspector	48000.00	2	Madurai Hub
456	Hub Street, Madurai						
4	Saranya Devi	saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	2	Madurai Hub
456	Hub Street, Madurai						
3	Manoj Balaji	manoj.balaji@example.com	8765432109	Coordinator	45000.00	2	Madurai Hub
456	Hub Street, Madurai						
2	Priya Rajan	priya.rajan@example.com	9876543210	Courier Agent	50000.00	2	Madurai Hub
456	Hub Street, Madurai						
1	Arvind Kumar	arvind.kumar@example.com	1234567890	Courier Manager	60000.00	2	Madurai Hub
456	Hub Street, Madurai						
11	John Snow	john.snow@hexa.com	1234567890	Assistant	60000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
10	Kavitha Suresh	kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
9	Vijay Kumar	vijay.kumar@example.com	2109876543	Manager	60000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
8	Meena Krishnan	meena.krishnan@example.com	3210987654	Supervisor	65000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
7	Rajesh Varadarajan	rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
6	Nithya Subramanian	nithya.subramanian@example.com	5432109876	Route Planner	70000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
5	Karthik Raja	karthik.raja@example.com	6543210987	Package Inspector	48000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
4	Saranya Devi	saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
3	Manoj Balaji	manoj.balaji@example.com	8765432109	Coordinator	45000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
2	Priya Rajan	priya.rajan@example.com	9876543210	Courier Agent	50000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
1	Arvind Kumar	arvind.kumar@example.com	1234567890	Courier Manager	60000.00	3	Coimbatore Station
789	Station Street, Coimbatore						
11	John Snow	john.snow@hexa.com	1234567890	Assistant	60000.00	4	Trichy Depot
012	Depot Street, Trichy						
10	Kavitha Suresh	kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	4	Trichy Depot
012	Depot Street, Trichy						
9	Vijay Kumar	vijay.kumar@example.com	2109876543	Manager	60000.00	4	Trichy Depot
012	Depot Street, Trichy						
11	John Snow	john.snow@hexa.com	1234567890	Assistant	60000.00	4	Trichy Depot
012	Depot Street, Trichy						
10	Kavitha Suresh	kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	4	Trichy Depot
012	Depot Street, Trichy						
9	Vijay Kumar	vijay.kumar@example.com	2109876543	Manager	60000.00	4	Trichy Depot
012	Depot Street, Trichy						
8	Meena Krishnan	meena.krishnan@example.com	3210987654	Supervisor	65000.00	4	Trichy Depot
012	Depot Street, Trichy						
7	Rajesh Varadarajan	rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	4	Trichy Depot
012	Depot Street, Trichy						
6	Nithya Subramanian	nithya.subramanian@example.com	5432109876	Route Planner	70000.00	4	Trichy Depot
012	Depot Street, Trichy						
5	Karthik Raja	karthik.raja@example.com	6543210987	Package Inspector	48000.00	4	Trichy Depot
012	Depot Street, Trichy						
4	Saranya Devi	saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	4	Trichy Depot
012	Depot Street, Trichy						
3	Manoj Balaji	manoj.balaji@example.com	8765432109	Coordinator	45000.00	4	Trichy Depot
012	Depot Street, Trichy						
2	Priya Rajan	priya.rajan@example.com	9876543210	Courier Agent	50000.00	4	Trichy Depot
012	Depot Street, Trichy						
1	Arvind Kumar	arvind.kumar@example.com	1234567890	Courier Manager	60000.00	4	Trichy Depot
012	Depot Street, Trichy						
11	John Snow	john.snow@hexa.com	1234567890	Assistant	60000.00	5	Salem Central
345	Warehouse Street, Salem						
10	Kavitha Suresh	kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	5	Salem Central
345	Warehouse Street, Salem						
9	Vijay Kumar	vijay.kumar@example.com	2109876543	Manager	60000.00	5	Salem Central
345	Warehouse Street, Salem						
8	Meena Krishnan	meena.krishnan@example.com	3210987654	Supervisor	65000.00	5	Salem Central
345	Warehouse Street, Salem						
7	Rajesh Varadarajan	rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	5	Salem Central
345	Warehouse Street, Salem						
6	Nithya Subramanian	nithya.subramanian@example.com	5432109876	Route Planner	70000.00	5	Salem Central
345	Warehouse Street, Salem						
5	Karthik Raja	karthik.raja@example.com	6543210987	Package Inspector	48000.00	5	Salem Central
345	Warehouse Street, Salem						
4	Saranya Devi	saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	5	Salem Central
345	Warehouse Street, Salem						
3	Manoj Balaji	manoj.balaji@example.com	8765432109	Coordinator	45000.00	5	Salem Central
345	Warehouse Street, Salem						
2	Priya Rajan	priya.rajan@example.com	9876543210	Courier Agent	50000.00	5	Salem Central
345	Warehouse Street, Salem						
1	Arvind Kumar	arvind.kumar@example.com	1234567890	Courier Manager	60000.00	5	Salem Central
345	Warehouse Street, Salem						
11	John Snow	john.snow@hexa.com	1234567890	Assistant	60000.00	6	Tirunelveli Terminal

678 Terminal Street, Tirunelveli	10   Kavitha Suresh   kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	9   Vijay Kumar   vijay.kumar@example.com	2109876543	Manager	60000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	8   Meena Krishnan   meena.krishnan@example.com	3210987654	Supervisor	65000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	7   Rajesh Varadarajan   rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	6   Nithya Subramanian   nithya.subramanian@example.com	5432109876	Route Planner	70000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	5   Karthik Raja   karthik.raja@example.com	6543210987	Package Inspector	48000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	4   Saranya Devi   saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	3   Manoj Balaji   manoj.balaji@example.com	8765432109	Coordinator	45000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	2   Priya Rajan   priya.rajan@example.com	9876543210	Courier Agent	50000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	1   Arvind Kumar   arvind.kumar@example.com	1234567890	Courier Manager	60000.00	6   Tirunelveli Terminal
678 Terminal Street, Tirunelveli	11   John Snow   john.snow@hexa.com	1234567890	Assistant	60000.00	7   Vellore Office
901 Distribution Street, Vellore	10   Kavitha Suresh   kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	7   Vellore Office
901 Distribution Street, Vellore	9   Vijay Kumar   vijay.kumar@example.com	2109876543	Manager	60000.00	7   Vellore Office
901 Distribution Street, Vellore	8   Meena Krishnan   meena.krishnan@example.com	3210987654	Supervisor	65000.00	7   Vellore Office
901 Distribution Street, Vellore	7   Rajesh Varadarajan   rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	7   Vellore Office
901 Distribution Street, Vellore	6   Nithya Subramanian   nithya.subramanian@example.com	5432109876	Route Planner	70000.00	7   Vellore Office
901 Distribution Street, Vellore	5   Karthik Raja   karthik.raja@example.com	6543210987	Package Inspector	48000.00	7   Vellore Office
901 Distribution Street, Vellore	4   Saranya Devi   saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	7   Vellore Office
901 Distribution Street, Vellore	3   Manoj Balaji   manoj.balaji@example.com	8765432109	Coordinator	45000.00	7   Vellore Office
901 Distribution Street, Vellore	2   Priya Rajan   priya.rajan@example.com	9876543210	Courier Agent	50000.00	7   Vellore Office
901 Distribution Street, Vellore	1   Arvind Kumar   arvind.kumar@example.com	1234567890	Courier Manager	60000.00	7   Vellore Office
901 Distribution Street, Vellore	11   John Snow   john.snow@hexa.com	1234567890	Assistant	60000.00	8   Erode Facility
234 Facility Street, Erode	10   Kavitha Suresh   kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	8   Erode Facility
234 Facility Street, Erode	9   Vijay Kumar   vijay.kumar@example.com	2109876543	Manager	60000.00	8   Erode Facility
234 Facility Street, Erode	8   Meena Krishnan   meena.krishnan@example.com	3210987654	Supervisor	65000.00	8   Erode Facility
234 Facility Street, Erode	7   Rajesh Varadarajan   rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	8   Erode Facility
234 Facility Street, Erode	6   Nithya Subramanian   nithya.subramanian@example.com	5432109876	Route Planner	70000.00	8   Erode Facility
234 Facility Street, Erode	5   Karthik Raja   karthik.raja@example.com	6543210987	Package Inspector	48000.00	8   Erode Facility
234 Facility Street, Erode	4   Saranya Devi   saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	8   Erode Facility
234 Facility Street, Erode	3   Manoj Balaji   manoj.balaji@example.com	8765432109	Coordinator	45000.00	8   Erode Facility
234 Facility Street, Erode	2   Priya Rajan   priya.rajan@example.com	9876543210	Courier Agent	50000.00	8   Erode Facility
234 Facility Street, Erode	1   Arvind Kumar   arvind.kumar@example.com	1234567890	Courier Manager	60000.00	8   Erode Facility
234 Facility Street, Erode	11   John Snow   john.snow@hexa.com	1234567890	Assistant	60000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	10   Kavitha Suresh   kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	9   Vijay Kumar   vijay.kumar@example.com	2109876543	Manager	60000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	8   Meena Krishnan   meena.krishnan@example.com	3210987654	Supervisor	65000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	7   Rajesh Varadarajan   rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	6   Nithya Subramanian   nithya.subramanian@example.com	5432109876	Route Planner	70000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	5   Karthik Raja   karthik.raja@example.com	6543210987	Package Inspector	48000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	4   Saranya Devi   saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	3   Manoj Balaji   manoj.balaji@example.com	8765432109	Coordinator	45000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	2   Priya Rajan   priya.rajan@example.com	9876543210	Courier Agent	50000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	1   Arvind Kumar   arvind.kumar@example.com	1234567890	Courier Manager	60000.00	9   Kanyakumari Dispatch P
oint   567 Dispatch Street, Kanyakumari	11   John Snow   john.snow@hexa.com	1234567890	Assistant	60000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	10   Kavitha Suresh   kavitha.suresh@example.com	1098765432	Fleet Coordinator	75000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	9   Vijay Kumar   vijay.kumar@example.com	2109876543	Manager	60000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	8   Meena Krishnan   meena.krishnan@example.com	3210987654	Supervisor	65000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	7   Rajesh Varadarajan   rajesh.varadarajan@example.com	4321098765	Customer Support Agent	48000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	6   Nithya Subramanian   nithya.subramanian@example.com	5432109876	Route Planner	70000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	5   Karthik Raja   karthik.raja@example.com	6543210987	Package Inspector	48000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	4   Saranya Devi   saranya.devi@example.com	7654321098	Delivery Specialist	55000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	3   Manoj Balaji   manoj.balaji@example.com	8765432109	Coordinator	45000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	2   Priya Rajan   priya.rajan@example.com	9876543210	Courier Agent	50000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	1   Arvind Kumar   arvind.kumar@example.com	1234567890	Courier Manager	60000.00	10   Thanjavur Office
890 Sorting Street, Thanjavur	110 rows in set (0.00 sec)				

38. Retrieve a list of couriers and their corresponding sender information (if available)

```
mysql> SELECT C.CourierID, U.Name AS SenderName, U.Email AS SenderEmail, U.ContactNumber AS SenderContactNumber, U.Address AS SenderAddress
-> FROM courier C
-> LEFT JOIN user U ON C.UserID = U.UserID;
+-----+-----+-----+-----+
| CourierID | SenderName | SenderEmail | SenderContactNumber | SenderAddress |
+-----+-----+-----+-----+
| 1 | Arjun | arjun@gmail.com | 1234567890 | 123 Street, City |
| 2 | Arjun | arjun@gmail.com | 1234567890 | 123 Street, City |
| 3 | Kaviya | kaviya@gmail.com | 9876543210 | 456 Street, Town |
| 4 | Kaviya | kaviya@gmail.com | 9876543210 | 456 Street, Town |
| 5 | Mani | mani@gmail.com | 8765432109 | 789 Street, Village |
| 6 | Mani | mani@gmail.com | 8765432109 | 789 Street, Village |
| 7 | NULL | NULL | NULL | NULL |
| 8 | NULL | NULL | NULL | NULL |
| 9 | NULL | NULL | NULL | NULL |
| 10 | NULL | NULL | NULL | NULL |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

39. Retrieve a list of couriers and their corresponding receiver information (if available):

```
mysql> SELECT C.CourierID, U.Name AS ReceiverName, U.Email AS ReceiverEmail, U.ContactNumber AS ReceiverContactNumber, U.Address AS ReceiverAddress
-> FROM courier C
-> LEFT JOIN user U ON C.UserID = U.UserID;
+-----+-----+-----+-----+
| CourierID | ReceiverName | ReceiverEmail | ReceiverContactNumber | ReceiverAddress |
+-----+-----+-----+-----+
| 1 | Arjun | arjun@gmail.com | 1234567890 | 123 Street, City |
| 2 | Arjun | arjun@gmail.com | 1234567890 | 123 Street, City |
| 3 | Kaviya | kaviya@gmail.com | 9876543210 | 456 Street, Town |
| 4 | Kaviya | kaviya@gmail.com | 9876543210 | 456 Street, Town |
| 5 | Mani | mani@gmail.com | 8765432109 | 789 Street, Village |
| 6 | Mani | mani@gmail.com | 8765432109 | 789 Street, Village |
| 7 | NULL | NULL | NULL | NULL |
| 8 | NULL | NULL | NULL | NULL |
| 9 | NULL | NULL | NULL | NULL |
| 10 | NULL | NULL | NULL | NULL |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

41. Retrieve a list of employees and the number of couriers assigned to each employee:

```
mysql> SELECT
-> E.EmployeeID,
-> E.Name,
-> COUNT(C.CourierID) AS No_Of_Couriers
-> FROM
-> employee E
-> JOIN
-> courier C ON E.EmployeeID = C.EmployeeID
-> GROUP BY
-> E.EmployeeID;
+-----+-----+-----+
| EmployeeID | Name | No_Of_Couriers |
+-----+-----+-----+
| 1 | Arvind Kumar | 2 |
| 2 | Priya Rajan | 2 |
| 3 | Manoj Balaji | 2 |
| 4 | Saranya Devi | 2 |
| 5 | Karthik Raja | 2 |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

42. Retrieve a list of locations and the total payment amount received at each location:

```
mysql> SELECT l.LocationName, SUM(Amount) AS Payment_Made
-> FROM Location l
-> JOIN Payment p on l.LocationID=p.LocationID
-> GROUP BY p.LocationID;
+-----+-----+
| LocationName | Payment_Made |
+-----+-----+
| Chennai Central | 1200.00 |
| Madurai Hub | 900.00 |
| Coimbatore Station | 1900.00 |
| Trichy Depot | 700.00 |
| Salem Central | 7100.00 |
| Tirunelveli Terminal | 100.00 |
| Vellore Office | 1001.00 |
| Erode Facility | 28.50 |
| Kanyakumari Dispatch Point | 15.00 |
| Thanjavur Office | 12.00 |
+-----+-----+
10 rows in set (0.01 sec)
```

43. Retrieve all couriers sent by the same sender (based on SenderName).

```
mysql> SELECT *
-> FROM courier c1
-> INNER JOIN courier c2 ON c1.SenderName = c2.SenderName
-> WHERE c1.CourierID <> c2.CourierID;
+-----+
| CourierID | SenderName | SenderAddress      | ReceiverName | ReceiverAddress          | Weight | Status      | TrackingNumber | DeliveryDate | |
| EmployeeID | UserID    | CourierID | SenderName | SenderAddress      | ReceiverName | ReceiverAddress          | Weight | Status      | TrackingNumber |
| EmployeeID | UserID    | DeliveryDate | EmployeeID | UserID |
+-----+
| 6 | Arjun     | 123 Street, City | Mani       | 345 Receiver Street, Town | 3.50 | Out for Delivery | TN210345   | 2024-01-18 | | |
| 3 | Arjun     | 123 Street, City | Arjun      | 123 Street, City | Kaviya   | 456 Receiver Street, Town | 2.50 | In Transit  | TN123456 |
| 2024-01-13 |           | 1 | 1 |           |           |           |           |           |           |
| 7 | Ganesh    | 901 Street, Country | Kumar     | 901 Receiver Street, County | 1.00 | In Transit  | TN678901   | 2024-01-19 |
| 4 | NULL      | 901 Street, Country | Ganesh    | 901 Street, Country | Saranya  | 234 Receiver Street, Province | 4.20 | In Transit  | TN901234 |
| 2024-01-16 |           | 2 | 2 |           |           |           |           |           |           |
| 9 | Kumar     | 890 Street, Country | Shalini   | 567 Receiver Street, Province | 3.30 | Out for Delivery | TN890567   | 2024-01-21 |
| 5 | Kumar     | 567 Street, Region | Kumar     | 567 Street, Region | Shalini  | 890 Receiver Street, Territory | 2.00 | Delivered   | TN567890 |
| 2024-01-17 |           | 3 | 3 |           |           |           |           |           |           |
| 1 | Arjun     | 123 Street, City | Kaviya   | 456 Receiver Street, Town | 2.50 | In Transit  | TN123456   | 2024-01-13 |
| 1 | Arjun     | 123 Street, City | Arjun     | 123 Street, City | Mani    | 345 Receiver Street, Town | 3.50 | Out for Delivery | TN210345 |
| 2024-01-18 |           | 3 | 3 |           |           |           |           |           |           |
| 4 | Ganesh    | 901 Street, Country | Saranya  | 234 Receiver Street, Province | 4.20 | In Transit  | TN901234   | 2024-01-16 |
| 2 | 2 |           | 7 | Ganesh    | 901 Street, Country | Kumar    | 901 Receiver Street, County | 1.00 | In Transit  | TN678901 |
| 2024-01-19 |           | 4 | NULL     |           |           |           |           |           |           |
| 5 | Kumar     | 567 Street, Region | Shalini   | 890 Receiver Street, Territory | 2.00 | Delivered   | TN567890   | 2024-01-17 |
| 3 | Kumar     | 890 Street, Country | Kumar    | 890 Street, Country | Shalini  | 567 Receiver Street, Province | 3.30 | Out for Delivery | TN890567 |
| 2024-01-21 |           | 5 | NULL     |           |           |           |           |           |           |
+-----+
6 rows in set (0.00 sec)
```

44. List all employees who share the same role.

```
mysql> SELECT e1.* , e2.*
-> FROM employee e1
-> JOIN employee e2 ON e1.Role = e2.Role AND e1.EmployeeID <> e2.EmployeeID;
Empty set (0.00 sec)
```

45. Retrieve all payments made for couriers sent from the same location.

```
mysql> SELECT c.courierID, c.TrackingNumber, p.Amount, l.LocationName
-> FROM courier c
-> JOIN payment p ON p.courierid = c.courierid
-> JOIN location l ON l.locationid = p.locationid
-> WHERE l.Address LIKE '%Chennai%';
+-----+
| courierID | TrackingNumber | Amount | LocationName |
+-----+
| 1 | TN123456 | 1200.00 | Chennai Central |
+-----+
1 row in set (0.00 sec)
```

46. Retrieve all couriers sent from the same location (based on SenderAddress).

```
mysql> SELECT c.courierID, c.TrackingNumber, p.Amount, l.LocationName
-> FROM courier c
-> JOIN payment p ON p.courierid = c.courierid
-> JOIN location l ON l.locationid = p.locationid
-> WHERE c.SenderAddress LIKE '%City%';
+-----+
| courierID | TrackingNumber | Amount | LocationName |
+-----+
| 1 | TN123456 | 1200.00 | Chennai Central |
| 6 | TN210345 | 100.00 | Tirunelveli Terminal |
+-----+
2 rows in set (0.00 sec)
```

47. List employees and the number of couriers they have delivered:

```
mysql> select e.name,COUNT(c.employeeID) AS No_Of_Couriers_Delivered
-> FROM Employee e
-> JOIN Courier c ON e.employeeID=c.EmployeeID GROUP BY c.EmployeeID;
+-----+-----+
| name | No_Of_Couriers_Delivered |
+-----+-----+
| Arvind Kumar | 2 |
| Priya Rajan | 2 |
| Manoj Balaji | 2 |
| Saranya Devi | 2 |
| Karthik Raja | 2 |
+-----+
5 rows in set (0.00 sec)
```

#### Scope: Inner Queries, Non Equi Joins, Equi joins,Exist,Any,All

49. Find couriers that have a weight greater than the average weight of all couriers

```
mysql> SELECT weight
-> FROM courier
-> WHERE weight > ANY (SELECT AVG(weight) FROM courier);
+-----+
| weight |
+-----+
| 3.70 |
| 4.20 |
| 3.50 |
| 2.80 |
| 3.30 |
+-----+
5 rows in set (0.00 sec)
```

50. Find the names of all employees who have a salary greater than the average salary:

```
mysql> SELECT Name, Salary FROM employee
-> WHERE Salary > (SELECT AVG(Salary) FROM employee);
+-----+-----+
| Name | Salary |
+-----+-----+
| Arvind Kumar | 60000.00 |
| Nithya Subramanian | 70000.00 |
| Meena Krishnan | 65000.00 |
| Vijay Kumar | 60000.00 |
| Kavitha Suresh | 75000.00 |
| John Snow | 60000.00 |
+-----+-----+
6 rows in set (0.00 sec)
```

51. Find the total cost of all courier services where the cost is less than the maximum cost

```
mysql> SELECT SUM(Cost) AS TotalCost
-> FROM courierservices
-> WHERE Cost < (SELECT MAX(Cost) FROM courierservices);
+-----+
| TotalCost |
+-----+
| 147.00 |
+-----+
1 row in set (0.00 sec)
```

53. Find the locations where the maximum payment amount was made

```
mysql> SELECT *
-> FROM Location
-> WHERE EXISTS (SELECT MAX(Amount) FROM payment WHERE payment.LocationID = Location.LocationID);
+-----+-----+
| LocationID | LocationName           | Address
+-----+-----+
| 1 | Chennai Central          | 123 Central Street, Chennai |
| 2 | Madurai Hub               | 456 Hub Street, Madurai   |
| 3 | Coimbatore Station        | 789 Station Street, Coimbatore |
| 4 | Trichy Depot              | 012 Depot Street, Trichy    |
| 5 | Salem Central              | 345 Warehouse Street, Salem |
| 6 | Tirunelveli Terminal      | 678 Terminal Street, Tirunelveli |
| 7 | Vellore Office             | 901 Distribution Street, Vellore |
| 8 | Erode Facility             | 234 Facility Street, Erode   |
| 9 | Kanyakumari Dispatch Point| 567 Dispatch Street, Kanyakumari |
| 10 | Thanjavur Office          | 890 Sorting Street, Thanjavur  |
+-----+-----+
10 rows in set (0.00 sec)
```

54. Find all couriers whose weight is greater than the weight of all couriers sent by a specific sender

(e.g., 'SenderName'):

```
mysql> SELECT CourierID, SenderName, ReceiverName, Status, DeliveryDate FROM courier c1
-> WHERE Weight > ALL (
->   SELECT Weight FROM courier c2
->   WHERE c2.SenderName LIKE 'Kumar'
-> );
+-----+-----+-----+-----+-----+
| CourierID | SenderName | ReceiverName | Status       | DeliveryDate |
+-----+-----+-----+-----+
| 2 | Mani       | Priya       | Delivered   | 2024-01-14   |
| 4 | Ganesh     | Saranya     | In Transit  | 2024-01-16   |
| 6 | Arjun      | Mani       | Out for Delivery | 2024-01-18   |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```