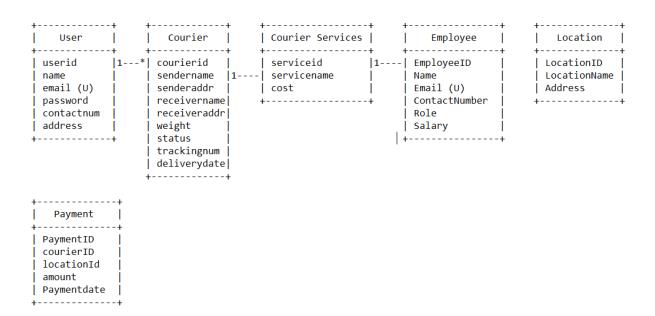
ASSIGNMENT 4

AKILESH K

```
mysql> create database courier_management;
Query OK, 1 row affected (0.07 sec)
mysql> use courier_management;
Database changed
```





```
mysql> INSERT INTO user (userid, name, email, password, contactnumber, address)
    -> VALUES
    -> (1, 'John Doe', 'john.doe@example.com', 'password123', '1234567890', '123 Main St'),
    -> (2, 'Jane Smith', 'jane.smith@example.com', 'pass456', '9876543210', '456 Oak St'),
    -> (3, 'Alice Johnson', 'alice.j@example.com', 'secret789', '5556667777', '789 Maple Ave'),
    -> (4, 'Bob Williams', 'bob.w@example.com', 'qwerty123', '3332221111', '567 Pine St'),
    -> (5, 'Eva Davis', 'eva.d@example.com', 'abcd5678', '1110009999', '890 Cedar Rd');
Query OK, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> INSERT INTO courier (courierid, sendername, senderaddress, receivername, receiveraddress, weight, stat
us, trackingnumber, deliverydate)
    -> VALUES
    -> (101, 'John Sender', '123 Main St, CityA', 'Alice Receiver', '456 Oak St, CityA', 2.3, 'Shipped', 'TNX
123', '2023-03-01'),
     -> (102, 'Bob Sender', '789 Elm St, CityB', 'Eva Receiver', '987 Pine St, CityB', 3.5, 'In Transit', 'TNX
456', '2023-03-03'),
-> (103, 'Charlie Sender', '321 Maple St, CityC', 'Grace Receiver', '654 Cedar St, CityC', 1.8, 'Delivere d', 'TNX789', '2023-03-05'),
-> (104, 'David Sender', '567 Birch St, CityD', 'Helen Receiver', '876 Spruce St, CityD', 4.2, 'Shipped', 'TNX987', '2023-03-07'),
-> (105, 'Emma Sender', '987 Willow St, CityE', 'Ivan Receiver', '234 Oak St, CityE', 2.7, 'Delivered', '
TNX654', '2023-03-09');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0
mysql> INSERT INTO courierservices (serviceid, servicename, cost)
       -> VALUES
       -> (1001, 'Standard Shipping', 10.99),
       -> (1002, 'Express Shipping', 19.99),
       -> (1003, 'Overnight Shipping', 29.99),
-> (1004, 'International Shipping', 39.99),
       -> (1005, 'Same-day Delivery', 49.99);
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> INSERT INTO location (LocationID, LocationName, Address)
     -> VALUES
     -> (100001, 'Main Office', '321 Maple St, CityX'),
     -> (100002, 'Warehouse Alpha', '987 Willow St, CityY'),
     -> (100003, 'Retail Store Beta', '567 Birch St, CityZ'), -> (100004, 'Logistics Hub Gamma', '876 Spruce St, CityW'),
     -> (100005, 'Service Center Delta', '234 Oak St, CityV');
Query OK, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0
(mysql> INSERT INTO payment (PaymentID, courierID, locationId, amount, Paymentdate)
    -> VALUES
    -> (135, 101, 100001, 25.50, '2023-04-01'),
    -> (253, 102, 100002, 30.75, '2023-04-02'),
    -> (386, 103, 100003, 18.90, '2023-04-03'),
    -> (435, 104, 100004, 42.25, '2023-04-04'),
-> (566, 105, 100005, 35.60, '2023-04-05');
Query OK, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

Task 2

1)

```
mysql> SELECT * FROM user;
 userid | name
                         email
                                                                | contactnumber | address
                                                  password
                                                    password123
                                                                  1234567890
           John Doe
                           john.doe@example.com
                                                                                  123 Main St
          Jane Smith
                           jane.smith@example.com
                                                    pass456
                                                                  9876543210
                                                                                  456 Oak St
                           alice.j@example.com
                                                                  5556667777
                                                                                  789 Maple Ave
          Alice Johnson
                                                    secret789
                                                                                  567 Pine St
          Bob Williams
                           bob.w@example.com
                                                    qwerty123
                                                                  3332221111
        | Eva Davis
                           eva.d@example.com
                                                    abcd5678
                                                                  1110009999
                                                                                  890 Cedar Rd
5 rows in set (0.00 sec)
```

```
mysql> SELECT payment.PaymentID, courier.trackingnumber, courier.deliverydate, payment.amount FROM payment JO
IN courier ON payment.courierID = courier.courierID JOIN user ON courier.sendername = user.name WHERE user.us
erid = '1';
Empty set (0.00 sec)
mysql>
```

```
mysql> SELECT * FROM courier;
                                                                                                                                                                                                   | weight | status
  courierid | sendername
                                                             senderaddress
                                                                                                             receivername
                                                                                                                                                  receiveraddress
                                                                                                                                                                                                                                                 | trackingnumber | deliverydate |
                                                                123 Main St, CityA
789 Elm St, CityB
321 Maple St, CityC
567 Birch St, CityD
987 Willow St, CityE
                                                                                                                                                    456 Oak St, CityA
987 Pine St, CityB
654 Cedar St, CityC
876 Spruce St, CityD
234 Oak St, CityE
                                                                                                                                                                                                         2.30 | Shipped
3.50 | In Transit
1.80 | Delivered
4.20 | Shipped
2.70 | Delivered
               101
102
103
                           John Sender
Bob Sender
Charlie Sender
                                                                                                                Alice Receiver
Eva Receiver
Grace Receiver
                                                                                                                                                                                                                                                     TNX123
TNX456
TNX789
                                                                                                                                                                                                                                                                                         2023-03-01
2023-03-03
2023-03-05
               104
105
                        | David Sender
| Emma Sender
                                                                                                                Helen Receiver
Ivan Receiver
                                                                                                                                                                                                                                                     TNX987
TNX654
                                                                                                                                                                                                                                                                                         2023-03-07
2023-03-09
 ysql>
```

```
mysql> SELECT courier.* FROM courier JOIN payment ON courier.courierID = payment.courierID WHERE payment.PaymentID = 135;

| courierid | sendername | senderaddress | receivername | receiveraddress | weight | status | trackingnumber | deliverydate |

101 | John Sender | 123 Main St, CityA | Alice Receiver | 456 Oak St, CityA | 2.30 | Shipped | TNX123 | 2023-03-01 |

1 row in set (0.00 sec)

mysql>
```

5)

```
mysql> SELECT * FROM courier WHERE courierID = 103;

| courierid | sendername | senderaddress | receivername | receiveraddress | weight | status | trackingnumber | deliverydate |
| 103 | Charlie Sender | 321 Maple St, CityC | Grace Receiver | 654 Cedar St, CityC | 1.80 | Delivered | TNX789 | 2023-03-05 |
| 1 row in set (0.00 sec)
```

6)

```
mysql> SELECT * FROM courier WHERE status <> 'Delivered';
 courierid | sendername | senderaddress
                                              receivername receiveraddress
                                                                                   | weight | status
                                                                                                         | trackingnumber | deliverydate
       101 | John Sender | 123 Main St, CityA | Alice Receiver | 456 Oak St, CityA
                                                                                       2.30 | Shipped
                                                                                                                           2023-03-01
                                                                                                         TNX123
       102 | Bob Sender
                         | 789 Elm St, CityB
                                                Eva Receiver | 987 Pine St, CityB
                                                                                       3.50 | In Transit | TNX456
                                                                                                                           2023-03-03
                                                                                       4.20 | Shipped
       104 | David Sender | 567 Birch St, CityD | Helen Receiver | 876 Spruce St, CityD |
                                                                                                         TNX987
                                                                                                                           2023-03-07
 rows in set (0.00 sec)
mysql>
```

```
mysql> SELECT * FROM courier WHERE deliverydate = CURDATE();
Empty set (0.01 sec)
mysql>
```

```
mysql> SELECT * FROM courier WHERE status = 'In Transit';

| courierid | sendername | senderaddress | receivername | receiveraddress | weight | status | trackingnumber | deliverydate |

| 102 | Bob Sender | 789 Elm St, CityB | Eva Receiver | 987 Pine St, CityB | 3.50 | In Transit | TNX456 | 2023-03-03 |

1 row in set (0.00 sec)

mysql>
```

```
mysql> SELECT courierID, COUNT(*) AS TotalPackages FROM courier GROUP BY courierID;

+-----+
| courierID | TotalPackages |
+-----+
| 101 | 1 |
| 102 | 1 |
| 103 | 1 |
| 104 | 1 |
| 105 | 1 |
+-----+
5 rows in set (0.01 sec)
```

10)

```
mysql> SELECT * FROM courier WHERE weight BETWEEN 3 AND 5;
 courierid | sendername | senderaddress
                                              receivername
                                                              receiveraddress
                                                                                    | weight | status
                                                                                                         trackingnumber | deliverydate
       102 | Bob Sender
                         789 Elm St, CityB
                                              | Eva Receiver
                                                                987 Pine St, CityB
                                                                                       3.50 | In Transit | TNX456
                                                                                                                           2023-03-03
       104 | David Sender | 567 Birch St, CityD | Helen Receiver | 876 Spruce St, CityD |
                                                                                       4.20 | Shipped
                                                                                                                           2023-03-07
                                                                                                           TNX987
2 rows in set (0.00 sec)
mysql>
```

```
mysql> SELECT courier.* FROM courier JOIN payment ON courier.courierID = payment.courierID WHERE payment.amount > 50;
Empty set (0.01 sec)
mysql>
```

Task 3

14)

15)

```
mysql> SELECT location.LocationID, location.LocationName, SUM(payment.amount) AS TotalRevenue FROM location JOIN
payment ON location.LocationID = payment.locationID GROUP BY location.LocationID, location.LocationName;
  LocationID | LocationName
                                                 TotalRevenue |
        100001
                   Main Office
                                                           25.50
        100002
                   Warehouse Alpha
                                                           30.75
                   Retail Store Beta
        100003
                                                           18.90
        100004
                   Logistics Hub Gamma
                                                           42.25
        100005
                   Service Center Delta
                                                           35.60
  rows in set (0.00 sec)
```

16)

19)

```
mysql> SELECT location.LocationID, location.LocationName, SUM(payment.amount) AS TotalPayments FROM location LEFT JOIN payment ON location.LocationID = payment.locationID GROUP BY location.LocationID, location.LocationName;
 LocationID | LocationName
                                                 TotalPayments |
                  Main Office
                                                            25.50
      100001
       100002
                                                            30.75
                  Warehouse Alpha
       100003
                  Retail Store Beta
                                                            18.90
       100004
                  Logistics Hub Gamma
                                                            42.25
       100005 | Service Center Delta
                                                            35.60
 rows in set (0.00 sec)
```

20)

```
mysql> SELECT courier.courierID, courier.sendername, courier.receivername, SUM(payment.amount) AS TotalPayments F
ROM courier JOIN payment ON courier.courierID = payment.courierID WHERE payment.PaymentDate > '2023-02-22
    -> GROUP BY courier.courierID, courier.sendername, courier.receivername HAVING TotalPayments > 30;
| courierID | sendername | receivername
                                           | TotalPayments |
       102 | Bob Sender
                            Eva Receiver
                                                     30.75
       104
             David Sender
                            Helen Receiver
                                                     42.25
       105 | Emma Sender
                            Ivan Receiver
                                                     35.60
3 rows in set (0.00 sec)
```

Task 4

23)

	ysql> SELECT payment.*, courier.* FROM payment JOIN courier ON payment.courierID = courier.courierID;												
PaymentID	courierID	locationId	amount	Paymentdate	courierid	sendername	senderaddress	receivername		weight	status	trackingnumber	deliverydate
135	101	100001		2023-04-01	: :	John Sender	123 Main St, CityA				Shipped	TNX123	2023-03-01
253	102	100002	30.75	2023-04-02	102	Bob Sender	789 Elm St, CityB	Eva Receiver	987 Pine St, CityB	3.50	In Transit	TNX456	2023-03-03
386	103	100003	18.90	2023-04-03	103	Charlie Sender	321 Maple St, CityC	Grace Receiver	654 Cedar St, CityC	1.80	Delivered	TNX789	2023-03-05
435	104	100004	42.25	2023-04-04	104	David Sender	567 Birch St, CityD	Helen Receiver	876 Spruce St, CityD	4.20	Shipped	TNX987	2023-03-07
566	105	100005	35.60	2023-04-05	105	Emma Sender	987 Willow St, CityE	Ivan Receiver	234 Oak St, CityE	2.70	Delivered	TNX654	2023-03-09
+	+	·	+		+							+	+
5 rows in se	t (0.00 sec)												
mysql>													

24)

-> -> FROM -> JOIN	nysql> SELECT payment.PaymentID, payment.amount, payment.PaymentDate, -> location.LocationID, location.LocationName, location.Address -> FROM payment -> JOIN location ON payment.locationID = location.LocationID;									
	PaymentID amount PaymentDate LocationID LocationName Address									
135 253 386 435 566	25.50 30.75 18.90 42.25 35.60	2023-04-01 2023-04-02 2023-04-03 2023-04-04 2023-04-05	100001 100002 100003 100004 100005		321 Maple St, CityX 987 Willow St, CityY 567 Birch St, CityZ 876 Spruce St, CityW 234 Oak St, CityV					
5 rows in se	rows in set (0.00 sec)									

-> -> -> FROM p											
+	-> JOIN location ON payment.locationID = location.LocationID;										
PaymentID	amount	PaymentDate	courierID	sendername	receivername	LocationID	LocationName	Address			
135		2023-04-01		John Sender	Alice Receiver		Main Office	321 Maple St, CityX			
253		2023-04-02		Bob Sender	Eva Receiver		Warehouse Alpha	987 Willow St, CityY			
386		2023-04-03		Charlie Sender	Grace Receiver		Retail Store Beta	567 Birch St, CityZ			
435		2023-04-04		David Sender	Helen Receiver		Logistics Hub Gamma	876 Spruce St, CityW			
566	566 35.60 2023-04-05 105 Emma Sender Ivan Receiver 100005 Service Center Delta 234 Oak St, CityV										
+	tttttt										
5 rows in set	o rows in set (0.00 sec)										

```
mysql> SELECT payment.PaymentID, payment.amount, payment.PaymentDate,
             courier.courierID, courier.sendername, courier.receivername
    -> FROM payment
    -> JOIN courier ON payment.courierID = courier.courierID;
 PaymentID | amount | PaymentDate | courierID | sendername
                                                              receivername
              25.50
                      2023-04-01
                                         101 | John Sender
       135
                                                              | Alice Receiver
              30.75
                                               Bob Sender
                      2023-04-02
                                         102
                                                                Eva Receiver
              18.90
                                               Charlie Sender
                      2023-04-03
                                         103
                                                               Grace Receiver
       386
                                                              | Helen Receiver
              42.25
                      2023-04-04
       435
                                         104
                                               David Sender
             35.60 | 2023-04-05
                                         105 | Emma Sender
       566
                                                              Ivan Receiver
5 rows in set (0.00 sec)
```

<pre>mysql> SELECT courier.courierID, courier.sendername, courier.receivername,</pre>								
courierID	courierID sendername receivername TotalPaymentsReceived							
101 John Sender Alice Receiver 25.50 102 Bob Sender Eva Receiver 30.75 103 Charlie Sender Grace Receiver 18.90 104 David Sender Helen Receiver 42.25 105 Emma Sender Ivan Receiver 35.60								
rows in set (0.00 sec)								

```
mysql> SELECT payment.PaymentID, payment.amount, payment.PaymentDate,
             courier.courierID, courier.sendername, courier.receivername
   -> FROM payment
    -> JOIN courier ON payment.courierID = courier.courierID;
 PaymentID | amount | PaymentDate | courierID | sendername
                                                                receivername
       135
               25.50
                       2023-04-01
                                          101
                                                 John Sender
                                                                  Alice Receiver
               30.75
        253
                       2023-04-02
                                           102
                                                 Bob Sender
                                                                  Eva Receiver
                       2023-04-03
        386
               18.90
                                           103
                                                 Charlie Sender
                                                                  Grace Receiver
        435
              42.25
                       2023-04-04
                                                 David Sender
                                                                  Helen Receiver
                                           104
                      2023-04-05
        566
              35.60
                                           105
                                                 Emma Sender
                                                                  Ivan Receiver
5 rows in set (0.00 sec)
```

```
mysql> SELECT payment.PaymentID, payment.amount, payment.PaymentDate,
              location.LocationID, location.LocationName, location.Address
    -> FROM payment
    -> JOIN location ON payment.locationID = location.LocationID;
 PaymentID | amount | PaymentDate | LocationID | LocationName
                                                                       Address
        135
              25.50
                      2023-04-01
                                         100001
                                                 Main Office
                                                                        321 Maple St, CityX
               30.75
                                                                        987 Willow St, CityY
        253
                       2023-04-02
                                         100002
                                                  Warehouse Alpha
                                                                        567 Birch St, CityZ
        386
              18.90
                       2023-04-03
                                         100003
                                                 Retail Store Beta
               42.25
                       2023-04-04
                                         100004
                                                  Logistics Hub Gamma
                                                                        876 Spruce St, CityW
                                                 Service Center Delta | 234 Oak St, CityV
                      2023-04-05
                                         100005
        566
              35.60
 rows in set (0.01 sec)
```

<pre>mysql> SELECT courier.courierID, courier.sendername, courier.receivername,</pre>								
courierID sendername receivername TotalPayments								
101 John Sender Alice Receiver 25.50 102 Bob Sender Eva Receiver 30.75 103 Charlie Sender Grace Receiver 18.90 104 David Sender Helen Receiver 42.25 105 Emma Sender Ivan Receiver 35.60 +								

```
mysql> SELECT *
    -> FROM payment
    -> WHERE PaymentDate BETWEEN '2023-04-02' AND '2023-04-04';
            | courierID | locationId |
  PaymentID
                                        amount
                                                Paymentdate
        253
                    102
                               100002
                                          30.75
                                                  2023-04-02
        386
                    103
                               100003
                                         18.90
                                                  2023-04-03
        435
                    104
                               100004
                                         42.25
                                                  2023-04-04
3 rows in set (0.01 sec)
```

34)

35)

```
/sql> SELECT employee.*, payment.*
  -> FROM employee
-> LEFT JOIN payment ON employee.employeeid = payment.courierid;
EmployeeID | Name
Paymentdate |
                                                        | ContactNumber | Role
                                                                                     | Salary | PaymentID | courierID | locationId | amount
     10001 | Michael Johnson
                               | michael.j@example.com | 1234567890
                                                                        Manager
                                                                                     75000.00
                                                                                                       NULL |
                                                                                                                   NULL |
                                                                                                                                 NULL
                                                                                                                                         NULL
                               | amanda.b@example.com | 9876543210
     10002 | Amanda Brown
                                                                        | Clerk
                                                                                     45000.00
                                                                                                       NULL |
                                                                                                                                         NULL
                                                                        | Supervisor | 60000.00 |
     10003 | Christopher White | chris.w@example.com | 5556667777
                                                                                                                   NULL |
                                                                                                                                 NULL |
                                                                                                                                          NULL
     10004 | Emily Davis
                               | emily.d@example.com | 3332221111
                                                                                     80000.00
                                                                                                                                 NULL
                                                                                                                                          NULL
     10005 | Daniel Smith
                               | daniel.s@example.com | 1110009999
                                                                        | Developer | 70000.00 |
                                                                                                       NULL |
                                                                                                                   NULL |
                                                                                                                                 NULL
                                                                                                                                         NULL
```

```
ql> SELECT user.*, courierservices.
  -> FROM user
-> CROSS JOIN courierservices;
userid | name
                      email
                                             password
                                                          | contactnumber | address
                                                                                        | serviceid | servicename
                                                                                                                            cost
    5 | Eva Davis
                      eva.d@example.com
                                             abcd5678
                                                          1110009999
                                                                         890 Cedar Rd
                                                                                               1001 | Standard Shipping
                                                                                                                            10.99
    4 | Bob Williams | bob.w@example.com
                                             qwerty123
                                                                         567 Pine St
                                                                                               1001 | Standard Shipping
                                                                                                                            10.99
     3 | Alice Johnson | alice.j@example.com
                                                                         | 789 Maple Ave |
                                                                                               1001 | Standard Shipping
                                                                                                                            10.99
                     | jane.smith@example.com | pass456
                                                           9876543210
                                                                         456 Oak St
                                                                                               1001 | Standard Shipping
                                                                                                                            10.99
     1 | John Doe
                     | john.doe@example.com
                                                                          | 123 Main St |
                                                                                               1001 | Standard Shipping
                                                                                                                            10.99
                                             | password123 | 1234567890
     5 | Eva Davis
                     eva.d@example.com
                                                           | 1110009999
                                                                         890 Cedar Rd
                                                                                               1002 | Express Shipping
                                                                                                                            19.99
     4 | Bob Williams | bob.w@example.com
                                                           3332221111
                                                                          | 567 Pine St |
                                                                                               1002 | Express Shipping
                                                                                                                            19.99
                                             qwerty123
     3 | Alice Johnson | alice.j@example.com
                                                          5556667777
                                                                          | 789 Maple Ave |
                                                                                               1002 | Express Shipping
```

```
mysql> SELECT employee.*, location.*
   -> FROM employee
   -> CROSS JOIN location;
 EmployeeID | Name
                                                          | ContactNumber | Role
                                                                                       | Salary | LocationID | LocationName
                                                                                                                                        Address
             Daniel Smith
                                                                                                         100001 | Main Office
                                 | daniel.s@example.com | 1110009999
                                                                          | Developer | 70000.00 |
                                                                                                                                         321 Map
e St, CityX <sup>'</sup>
| 10004
              Emily Davis
                                 | emily.d@example.com | 3332221111
                                                                                       80000.00
                                                                                                         100001 | Main Office
                                                                                                                                         321 Map
      CityX
                                                                                                         100001 | Main Office
      10003
              Christopher White | chris.w@example.com | 5556667777
                                                                          | Supervisor | 60000.00 |
                                                                                                                                         321 Map
      CityX
10002
                                 | amanda.b@example.com | 9876543210
                                                                                        45000.00 |
                                                                                                         100001 | Main Office
                                                                                                                                         321 Mag
              Amanda Brown
                                                                          | Clerk
                                                                                                         100001 | Main Office
            | Michael Johnson | michael.j@example.com | 1234567890
                                                                          Manager
                                                                                       75000.00
                                                                                                                                         321 Map
      10001
      CityX
10005
              Daniel Smith
                                 | daniel.s@example.com | 1110009999
                                                                          | Developer | 70000.00 |
                                                                                                         100002 | Warehouse Alpha
                                                                                                                                         | 987 Wil
              Emily Davis
                                 | emily.d@example.com | 3332221111
                                                                          | Analyst | 80000.00 |
                                                                                                         100002 | Warehouse Alpha
                                                                                                                                         987 Wil
       CityY
              Christopher White | chris.w@example.com | 5556667777
                                                                          | Supervisor | 60000.00 |
                                                                                                         100002 | Warehouse Alpha
                                                                                                                                        | 987 Wi]
```

39)

40)

41)

42)

```
mysql> SELECT 1.*, SUM(p.amount) AS total_payment_amount
    -> FROM location 1
    -> LEFT JOIN payment p ON l.locationid = p.locationid
    -> GROUP BY 1.locationid, 1.locationname, 1.address;
  LocationID | LocationName
                                    Address
                                                             total_payment_amount |
      100001
              Main Office
                                      321 Maple St, CityX
                                                                            25.50
                                      987 Willow St, CityY
      100002
               Warehouse Alpha
                                                                            30.75
               Retail Store Beta
                                      567 Birch St, CityZ
      100003
                                                                            18.90
                                      876 Spruce St, CityW
      100004
               Logistics Hub Gamma
                                                                            42.25
      100005
            | Service Center Delta | 234 Oak St, CityV
                                                                            35.60
 rows in set (0.00 sec)
```

43)

44)

47)

48)

49)

mysql> SELECT DISTINCT c.* -> FROM courier c -> INNER JOIN payment p ON c.courierid = p.courierID;										
courierid	sendername	senderaddress	receivername	receiveraddress	weight	status	trackingnumber	deliverydate		
103 104	John Sender Bob Sender Charlie Sender David Sender Emma Sender	123 Main St, CityA 789 Elm St, CityB 321 Maple St, CityC 567 Birch St, CityD 987 Willow St, CityE	Alice Receiver Eva Receiver Grace Receiver Helen Receiver Ivan Receiver	456 Oak St, CityA 987 Pine St, CityB 654 Cedar St, CityC 876 Spruce St, CityD 234 Oak St, CityE	2.30 3.50 1.80 4.20 2.70	In Transit Delivered	TNX123 TNX456 TNX789 TNX987 TNX654	2023-03-01 2023-03-03 2023-03-05 2023-03-07 2023-03-09		
5 rows in set	5 rows in set (0.02 sec)									

53)

```
mysql> SELECT l.LocationID, l.LocationName, MAX(p.amount) AS max_payment_amount
   -> FROM location 1
   -> INNER JOIN payment p ON l.LocationID = p.locationID
   -> GROUP BY 1.LocationID, 1.LocationName;
 LocationID | LocationName | max_payment_amount |
     100001 | Main Office
                                                  25.50
                                                  30.75
     100002 | Warehouse Alpha
                                                  18.90
     100003 | Retail Store Beta
     100004 | Logistics Hub Gamma
                                                 42.25
                                                  35.60
     100005 | Service Center Delta |
 rows in set (0.01 sec)
```

```
mysql> SELECT *
-> FROM courier c1
-> WHERE weight > ALL (
-> SELECT c2.weight
-> FROM courier c2
-> WHERE c2.sendername = 'Emma Sender'
-> );

| courierid | sendername | senderaddress | receivername | receiveraddress | weight | status | trackingnumber | deliverydate |
| 102 | Bob Sender | 789 Elm St, CityB | Eva Receiver | 987 Pine St, CityB | 3.50 | In Transit | TNX456 | 2023-03-03 |
| 104 | David Sender | 567 Birch St, CityD | Helen Receiver | 876 Spruce St, CityD | 4.20 | Shipped | TNX987 | 2023-03-07 |
| 2 rows in set (0.00 sec)
| mysql>
```