**ASSIGNMENT : COURIER MANAGEMENT SYSTEM**

PRIYADARSHINI S

**DAY 2**

Task 2: Select,Where

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

1. List all customers:

2. List all orders for a specific customer:

3. List all couriers:

4. List all packages for a specific order:

5. List all deliveries for a specific courier:

6. List all undelivered packages:

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

8. List all packages with a specific status:

11. List all packages with a specific weight range:

12. Retrieve employees whose names contain 'John' 13.

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

1. List all customers:

mysql> SELECT \* FROM User;

+--------+--------+------------------+-----------+---------------+-----------+

| UserID | Name | Email | Password | ContactNumber | Address |

+--------+--------+------------------+-----------+---------------+-----------+

| 1 | Raj | raj@gmail.com | raj123 | 9876543210 | Delhi |

| 2 | Ani | ani@gmail.com | ani789 | 8765432109 | Mumbai |

| 3 | Sam | sam@gmail.com | sam456 | 7654321098 | Kolkata |

| 4 | Kiran | kiran@gmail.com | kiran321 | 6543210987 | Chennai |

| 5 | Meera | meera@gmail.com | meera111 | 5432109876 | Hyderabad |

| 6 | Vikram | vikram@gmail.com | vikram999 | 4321098765 | Pune |

| 7 | Sita | sita@gmail.com | sita555 | 3210987654 | Bangalore |

+--------+--------+------------------+-----------+---------------+-----------+

7 rows in set (0.00 sec)

2. List all orders for a specific customer:

mysql> SELECT \* from Courier where SenderID = 1 OR ReceiverID = 1;

+-----------+----------+------------+--------+---------+----------------+--------------+

| CourierID | SenderID | ReceiverID | Weight | Status | TrackingNumber | DeliveryDate |

+-----------+----------+------------+--------+---------+----------------+--------------+

| 101 | 1 | 2 | 3.20 | Shipped | TRK987654 | 2025-03-30 |

| 104 | 6 | 1 | 4.20 | Shipped | TRK654321 | 2025-03-29 |

+-----------+----------+------------+--------+---------+----------------+--------------+

2 rows in set (0.01 sec)

3. List all couriers:

mysql> SELECT \* From Courier;

+-----------+----------+------------+--------+------------+----------------+--------------+

| CourierID | SenderID | ReceiverID | Weight | Status | TrackingNumber | DeliveryDate |

+-----------+----------+------------+--------+------------+----------------+--------------+

| 101 | 1 | 2 | 3.20 | Shipped | TRK987654 | 2025-03-30 |

| 102 | 3 | 5 | 2.50 | Delivered | TRK876543 | 2025-03-28 |

| 103 | 4 | 7 | 5.00 | Pending | TRK765432 | 2025-04-01 |

| 104 | 6 | 1 | 4.20 | Shipped | TRK654321 | 2025-03-29 |

| 105 | 2 | 4 | 3.75 | In Transit | TRK543210 | 2025-03-31 |

| 106 | 7 | 3 | 6.50 | Delivered | TRK432109 | 2025-03-27 |

| 107 | 5 | 6 | 1.80 | Pending | TRK321098 | 2025-04-02 |

+-----------+----------+------------+--------+------------+----------------+--------------+

7 rows in set (0.00 sec)

4. List all packages for a specific order:

mysql> SELECT \* FROM Courier where CourierID = 101;

+-----------+----------+------------+--------+---------+----------------+--------------+

| CourierID | SenderID | ReceiverID | Weight | Status | TrackingNumber | DeliveryDate |

+-----------+----------+------------+--------+---------+----------------+--------------+

| 101 | 1 | 2 | 3.20 | Shipped | TRK987654 | 2025-03-30 |

+-----------+----------+------------+--------+---------+----------------+--------------+

1 row in set (0.00 sec)

5. List all deliveries for a specific courier:

mysql> SELECT \* FROM Courier WHERE TrackingNumber = 'TRK987654';

+-----------+----------+------------+--------+---------+----------------+--------------+

| CourierID | SenderID | ReceiverID | Weight | Status | TrackingNumber | DeliveryDate |

+-----------+----------+------------+--------+---------+----------------+--------------+

| 101 | 1 | 2 | 3.20 | Shipped | TRK987654 | 2025-03-30 |

+-----------+----------+------------+--------+---------+----------------+--------------+

1 row in set (0.00 sec)

6. List all undelivered packages:

mysql> SELECT \* FROM Courier where Status <> 'Delivered';

+-----------+----------+------------+--------+------------+----------------+--------------+

| CourierID | SenderID | ReceiverID | Weight | Status | TrackingNumber | DeliveryDate |

+-----------+----------+------------+--------+------------+----------------+--------------+

| 101 | 1 | 2 | 3.20 | Shipped | TRK987654 | 2025-03-30 |

| 103 | 4 | 7 | 5.00 | Pending | TRK765432 | 2025-04-01 |

| 104 | 6 | 1 | 4.20 | Shipped | TRK654321 | 2025-03-29 |

| 105 | 2 | 4 | 3.75 | In Transit | TRK543210 | 2025-03-31 |

| 107 | 5 | 6 | 1.80 | Pending | TRK321098 | 2025-04-02 |

+-----------+----------+------------+--------+------------+----------------+--------------+

5 rows in set (0.00 sec)

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

mysql> SELECT \* FROM Courier WHERE DeliveryDate = CURRENT\_DATE;

Empty set (0.01 sec)

8. List all packages with a specific status:

mysql> SELECT \* FROM Courier where Status = 'Pending';

+-----------+----------+------------+--------+---------+----------------+--------------+

| CourierID | SenderID | ReceiverID | Weight | Status | TrackingNumber | DeliveryDate |

+-----------+----------+------------+--------+---------+----------------+--------------+

| 103 | 4 | 7 | 5.00 | Pending | TRK765432 | 2025-04-01 |

| 107 | 5 | 6 | 1.80 | Pending | TRK321098 | 2025-04-02 |

+-----------+----------+------------+--------+---------+----------------+--------------+

2 rows in set (0.00 sec)

11. List all packages with a specific weight range:

mysql> SELECT \* FROM Courier WHERE Weight BETWEEN 2 AND 5;

+-----------+----------+------------+--------+------------+----------------+--------------+-+----------------+--------------+-+-----------------+

| CourierID | SenderID | ReceiverID | Weight | Status | TrackingNumber | DeliveryDate |

+-----------+----------+------------+--------+------------+----------------+--------------+

| 101 | 1 | 2 | 3.20 | Shipped | TRK987654 | 2025-03-30 |

| 102 | 3 | 5 | 2.50 | Delivered | TRK876543 | 2025-03-28 |

| 103 | 4 | 7 | 5.00 | Pending | TRK765432 | 2025-04-01 |

| 104 | 6 | 1 | 4.20 | Shipped | TRK654321 | 2025-03-29 |

| 105 | 2 | 4 | 3.75 | In Transit | TRK543210 | 2025-03-31 |

+-----------+----------+------------+--------+------------+----------------+--------------+

5 rows in set (0.00 sec)

12. Retrieve employees whose names contain 'John'

mysql> SELECT \* FROM Employee WHERE Name LIKE '%Amit%';

+------------+------+----------------+---------------+-------+----------+

| EmployeeID | Name | Email | ContactNumber | Role | Salary |

+------------+------+----------------+---------------+-------+----------+

| 301 | Amit | amit@gmail.com | 7654321098 | Agent | 28000.00 |

+------------+------+----------------+---------------+-------+----------+

1 row in set (0.00 sec)

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

mysql> SELECT \* FROM Payment WHERE Amount > 50;

Empty set (0.00 sec)

mysql> SELECT \* FROM Payment WHERE Amount > 5;

+-----------+-----------+------------+--------+-------------+

| PaymentID | CourierID | LocationID | Amount | PaymentDate |

+-----------+-----------+------------+--------+-------------+

| 501 | 101 | 401 | 5.99 | 2025-03-25 |

| 502 | 102 | 402 | 12.99 | 2025-03-26 |

| 503 | 103 | 403 | 5.99 | 2025-03-27 |

| 504 | 104 | 401 | 12.99 | 2025-03-28 |

| 505 | 105 | 402 | 5.99 | 2025-03-29 |

| 506 | 106 | 403 | 12.99 | 2025-03-30 |

| 507 | 107 | 401 | 5.99 | 2025-03-31 |

+-----------+-----------+------------+--------+-------------+ rows in set (0.00 sec)