# ASSIGNMENT 4- COURIER MANAGEMENT SYSTEM TASK 2

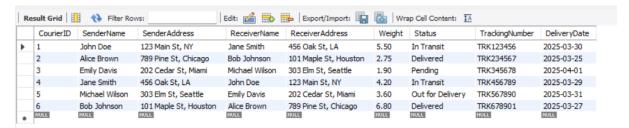
## (Executed on Mysql Workbench)

#### All the tables with the data on it

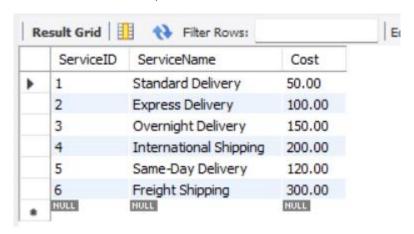
#### 1. Select \* from user;

	UserID	Name	Email	Password	ContactNumber	Address
•	1	John Doe	john.doe@example.com	Pass@123	9876543210	123 Main St, New York
	2	Jane Smith	jane.smith@example.com	Jane#456	9876543220	456 Oak St, Los Angeles
	3	Alice Brown	alice.brown@example.com	Alice@789	9876543230	789 Pine St, Chicago
	4	Bob Johnson	bob.johnson@example.com	Bob@101	9876543240	101 Maple St, Houston
	5	Emily Davis	emily.davis@example.com	Emily#202	9876543250	202 Cedar St, Miami
	6	Michael Wilson	michael.wilson@example.com	Mike@303	9876543260	303 Elm St, Seattle
	HULL	HULL	HULL	NULL	NULL	NULL

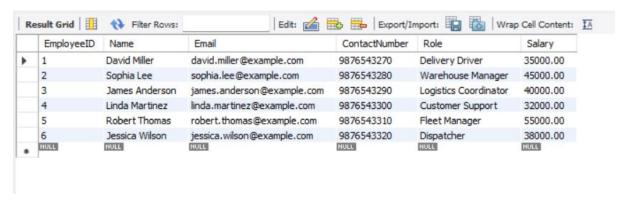
# 2. Select \* from courier;



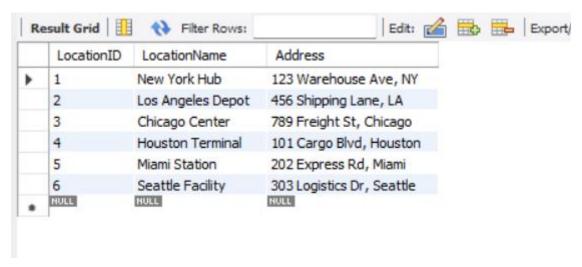
# 3. Select \* from courierservices;



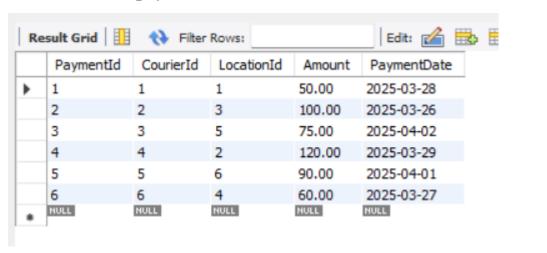
# 4. Select \* from employee\_table;



# 5. Select \* from location\_table;



# 6. Select \* from payment\_table;



#### **TASK 2 QUESTIONS:**

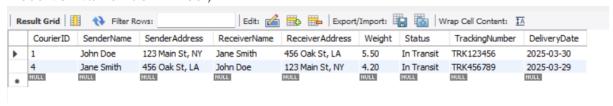
#### 1. List all customers:

SELECT USERID, NAME FROM USER;



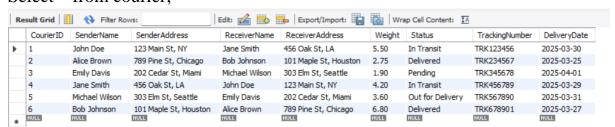
# 2. List all orders for a specific customer:

SELECT \* FROM COURIER WHERE SenderName='John Doe' or ReceiverName='John Doe':



#### 3. List all couriers:

Select \* from courier;



## 4. List all packages for a specific order:

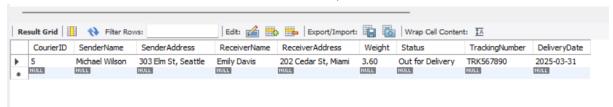
SELECT CourierId, weight, deliverydate, trackingnumber from courier;

	CourierId	weight	deliverydate	trackingnumber
١	1	5.50	2025-03-30	TRK123456
	2	2.75	2025-03-25	TRK234567
	3	1.90	2025-04-01	TRK345678
	4	4.20	2025-03-29	TRK456789
	5	3.60	2025-03-31	TRK567890
	6	6.80	2025-03-27	TRK678901

#### 5. List all deliveries for a specific courier:

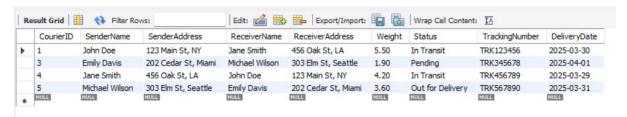
Each row in the courier table represents a delivery, we can filter it by CourierID or TrackingNumber

SELECT \* from courier where CourierId=5;



#### 6. List all undelivered packages:

SELECT \* from courier where Status!='Delivered';



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

SELECT \* FROM COURIER WHERE DeliveryDate='2025-03-27';



#### Packages that are scheduled to deliver by this month:

Select \* from COURIER where DeliveryDate LIKE '%-03-%';



# 8. List all packages with a specific status:

Specific status means we can either display the data with status In Transit or Out for Delivery or Delivered. I am randomly choosing In Transit.

#### Select \* from COURIER WHERE Status='In Transit';

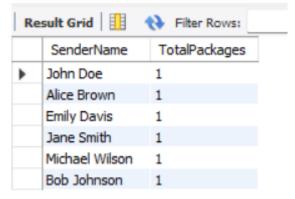


#### 9. Calculate the total number of packages for each courier

SELECT CourierID, COUNT(\*) AS TotalPackages FROM courier GROUP BY CourierId;

Re	Result Grid				
	CourierID	TotalPackages			
•	1	1			
	2	1			
	3	1			
	4	1			
	5	1			
	6	1			

To display how many packages each sender has sent: SELECT SenderName, COUNT(\*) AS TotalPackages From courier Group By SenderName;

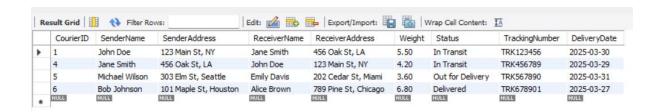


## 10. Find the average delivery time for each courier

To find the average delivery time for each courier, you need to calculate the difference between the DeliveryDate (from the courier table) and the PaymentDate (from the payment table) so there is a need of join query so this question is solved on TASK 3

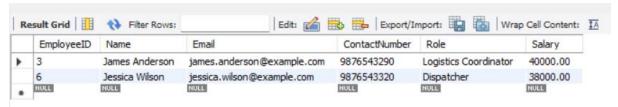
# 11. List all packages with a specific weight range:

Select \* from courier where weight>3.00;



# 12. Retrieve employees whose names contain 'es'

SELECT \* FROM employee\_table WHERE Name LIKE '%es' OR Name LIKE 'es%' OR Name LIKE '%es%';



# 13. Retrieve all courier records with payments greater than Rs.50.

SELECT \* FROM payment\_table where amount>50;

