--TASK2 Select, Where

#### OUTPUT:

--1. List all customers:

### SELECT \* FROM Users;

## --2. List all orders for a specific customer:

SELECT \* FROM Courier
WHERE SenderName = 'Makesh';

	CourierID	~	SenderName	~	SenderAddress $\vee$	ReceiverName $\vee$	·	ReceiverAddress $\vee$	Weight	~	Status 🗸	TrackingNumber \	/!	SentDate ∨	DeliveryDate	~	AssignedEmploy
1	1		Makesh		123 Street, Chennai	Manoj		456 Street, Chennai	2.50		In Transit	TRK123456		2025-03-10	2025-03-20		1

#### --3. List all couriers:

### SELECT \* FROM Courier;

	CourierID 🗸	SenderName ∨	SenderAddress $\vee$	ReceiverName $\vee$	ReceiverAddress $\checkmark$	Weight ∨	Status 🗸	TrackingNumber ∨	SentDate ∨	DeliveryDate ∨	AssignedEm
1	1	Makesh	123 Street, Chennai	Manoj	456 Street, Chennai	2.50	In Transit	TRK123456	2025-03-10	2025-03-20	1
:	2	Priya	789 Street, Bangalore	Arun	321 Street, Mumbai	5.00	Delivered	TRK789123	2025-03-05	2025-03-18	2
3	3	Arun	321 Street, Mumbai	Priya	789 Street, Bangalore	3.25	Pending	TRK321789	2025-03-15	NULL	3

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

```
SELECT * FROM Courier
WHERE CourierID = 1;
```

	С	ourierID	~	SenderName	~	SenderAddress	~	ReceiverName	~	ReceiverAddress $\vee$	Weight	~	Status 🗸	TrackingNumber	~	SentDate ∨	DeliveryDate	~	AssignedEmploy€
1		1		Makesh		123 Street, Ch	ennai	Manoj		456 Street, Chennai	2.50		In Transit	TRK123456		2025-03-10	2025-03-20		1

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

```
SELECT * FROM Courier
WHERE TrackingNumber = 'TRK123456';
```

	CourierID	~	SenderName	~	SenderAddress	~	ReceiverName	~	ReceiverAddress $\vee$	Weight	~	Status 🗸	TrackingNumber	~	SentDate ∨	DeliveryDate	~	AssignedEmploye
1	1		Makesh		123 Street, C	hennai	Manoj		456 Street, Chennai	2.50		In Transit	TRK123456		2025-03-10	2025-03-20		1

#### --6. List all undelivered packages:

```
SELECT * FROM Courier
WHERE Status <> 'Delivered';
```

CourierID 🗸	SenderName ∨	SenderAddress $\vee$	ReceiverName 🗸	ReceiverAddress $\vee$	Weight ∨	Status 🗸	TrackingNumber ∨	SentDate ∨	DeliveryDate ∨	AssignedEmp
1	Makesh	123 Street, Chennai	Manoj	456 Street, Chennai	2.50	In Transit	TRK123456	2025-03-10	2025-03-20	1
3	Arun	321 Street, Mumbai	Priya	789 Street, Bangalore	3.25	Pending	TRK321789	2025-03-15	NULL	3

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

```
SELECT * FROM Courier
WHERE DeliveryDate = CAST(GETDATE() AS DATE);
```

	Co	ourierID	~	SenderName	~	SenderAddress	~	ReceiverName	~	ReceiverAddress $\vee$	Weight	~	Status 🗸	TrackingNumber	~	SentDate ∨	DeliveryDate	~	AssignedEmploye
1	1	L		Makesh		123 Street, C	hennai	Manoj		456 Street, Chennai	2.50		In Transit	TRK123456		2025-03-10	2025-03-21		1

--8. List all packages with a specific status:

```
SELECT * FROM Courier
WHERE Status = 'In Transit';
```

	CourierID ~	SenderName 🗸	SenderAddress $\vee$	ReceiverName $\checkmark$	ReceiverAddress $\vee$	Weight ∨	Status 🗸	TrackingNumber ∨	SentDate	✓ DeliveryDate	√ AssignedEmploye
1	1	Makesh	123 Street, Chennai	Manoj	456 Street, Chennai	2.50	In Transit	TRK123456	2025-03-10	2025-03-21	1

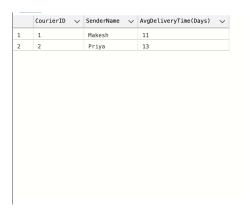
--9. Calculate the total number of packages for each courier.

SELECT CourierID, COUNT(\*) AS TotalPackages
FROM Courier
GROUP BY CourierID
ORDER BY CourierID;

. —			
	CourierID	✓ TotalPac	kages 🗸
1	1	1	
2	2	1	
3	3	1	

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

SELECT CourierID, SenderName, AVG(DATEDIFF(DAY, SentDate,
DeliveryDate)) AS [AvgDeliveryTime(Days)]
FROM Courier
WHERE DeliveryDate IS NOT NULL
GROUP BY CourierID, SenderName;



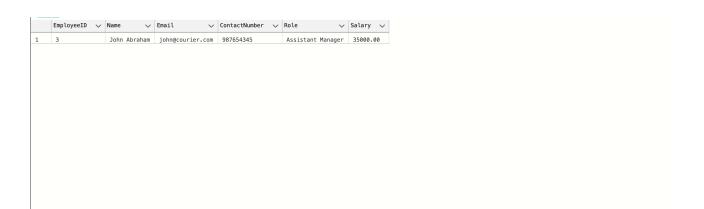
--11. List all packages with a specific weight range:

SELECT \* FROM Courier
WHERE Weight BETWEEN 2.00 AND 5.00;

	CourierID 🗸	SenderName ∨	SenderAddress $\vee$	ReceiverName $\checkmark$	ReceiverAddress $\vee$	Weight ∨	Status 🗸	TrackingNumber ∨	SentDate ∨	DeliveryDate ∨	AssignedEmp
1	1	Makesh	123 Street, Chennai	Manoj	456 Street, Chennai	2.50	In Transit	TRK123456	2025-03-10	2025-03-21	1
2	2	Priya	789 Street, Bangalore	Arun	321 Street, Mumbai	5.00	Delivered	TRK789123	2025-03-05	2025-03-18	2
3	3	Arun	321 Street, Mumbai	Priya	789 Street, Bangalore	3.25	Pending	TRK321789	2025-03-15	NULL	3

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

SELECT \* FROM Employee
WHERE Name LIKE '%John%';



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

```
SELECT C.*
FROM Courier C
JOIN Payment P ON C.CourierID = P.CourierID
WHERE P.Amount > 50;
```

	CourierID 🗸	SenderName ∨	SenderAddress $\vee$	ReceiverName ∨	ReceiverAddress $\vee$	Weight ∨	Status 🗸	TrackingNumber ✓	SentDate ∨	DeliveryDate ∨	AssignedEmp
1	1	Makesh	123 Street, Chennai	Manoj	456 Street, Chennai	2.50	In Transit	TRK123456	2025-03-10	2025-03-21	1
2	2	Priya	789 Street, Bangalore	Arun	321 Street, Mumbai	5.00	Delivered	TRK789123	2025-03-05	2025-03-18	2
3	3	Arun	321 Street, Mumbai	Priya	789 Street, Bangalore	3.25	Pending	TRK321789	2025-03-15	NULL	3