

--TASK2 Select,Where

OUTPUT:

--1. List all customers:

SELECT * FROM Users;

	UserID	Name	Email	Password	ContactNumber	Address
1	1	Makesh	makesh@hexa.com	password123	9876543210	123 Street, Chennai
2	2	Manoj	manoj@hexa.com	password1234	9876543211	456 Street, Chennai
3	3	Priya	priya@hexa.com	securepass	9988776655	789 Street, Bangalore
4	4	Arun	arun@hexa.com	adminpass	8765432190	321 Street, Mumbai

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

SELECT * FROM Courier
WHERE SenderName = 'Makesh';

	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	SentDate	DeliveryDate	AssignedEmployee
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	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	SentDate	DeliveryDate	AssignedEmployee
1	1	Makesh	123 Street, Chennai	Manoj	456 Street, Chennai	2.50	In Transit	TRK123456	2025-03-10	2025-03-20	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

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

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

	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	SentDate	DeliveryDate	AssignedEmployee
1	1	Makesh	123 Street, Chennai	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	Weight	Status	TrackingNumber	SentDate	DeliveryDate	AssignedEmployee
1	1	Makesh	123 Street, Chennai	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	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	SentDate	DeliveryDate	AssignedEmployee
1	1	Makesh	123 Street, Chennai	Manoj	456 Street, Chennai	2.50	In Transit	TRK123456	2025-03-10	2025-03-20	1
2	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);
```

	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	SentDate	DeliveryDate	AssignedEmployee
1	1	Makesh	123 Street, Chennai	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	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	SentDate	DeliveryDate	AssignedEmployee
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	TotalPackages
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;
```

	CourierID	SenderName	AvgDeliveryTime(Days)
1	1	Makesh	11
2	2	Priya	13

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

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

	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	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%';
```

	EmployeeID	Name	Email	ContactNumber	Role	Salary
1	3	John Abraham	john@courier.com	987654345	Assistant Manager	35000.00

--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	ReceiverName	ReceiverAddress	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