

Courier Management System

Task 2

List all customers

select *from Users;

Results Messages						
	UserID	Name	Email	Password	ContactNumber	Address
1	1	virat	virat@gmail.com	pass1111	9711223344	7 lion street, madurai
2	2	dhoni	dhoni@gmail.com	pass2222	9766778899	17 king street, trichy
3	3	vijay	vijay@gmail.com	pass3333	9944556677	1 temple street, trichy
4	4	karthi	karthi@gmail.com	pass4444	9876543210	21 mg road, chennai
5	5	surya	surya@gmail.com	pass5555	9001122334	5 anna nagar, coimbatore
6	6	meena	meena@gmail.com	pass6666	9888777665	10 park avenue, salem
7	7	anbu	anbu@gmail.com	pass7777	8765432109	34 gandhi street, madurai
8	8	selvi	selvi@gmail.com	pass8888	7654321098	48 periyar nagar, chennai
9	9	dinesh	dinesh@gmail.com	pass9999	9988776655	76 kamarajar road, erode
10	10	vetri	vetri@gmail.com	pass1010	8899776655	12 rajaji street, thanjavur

List all orders for a specific customer:

select *from Courier where SenderName =(select Name from Users where UserID=5);

Results Messages									
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	5	surya	5 anna nagar, coimbatore	nandhini	19 lake road, madurai	3.60	shipped	TRK005	2025-04-02

List all couriers:

select *from Courier

Results Messages									
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	1	virat	7 lion street, madurai	arun	24 lake road, chennai	3.20	delivered	TRK001	2025-02-10
2	2	dhoni	17 king street, trichy	geetha	15 rajaji street, madurai	2.80	pending	TRK002	2025-03-15
3	3	vijay	1 temple street, trichy	babu	10 kamarajar road, salem	4.10	transported	TRK003	2025-03-18
4	4	karthi	21 mg road, chennai	lakshmi	5 temple street, thanjavur	2.30	delivered	TRK004	2025-02-25
5	5	surya	5 anna nagar, coimbatore	nandhini	19 lake road, madurai	3.60	shipped	TRK005	2025-04-02
6	6	meena	10 park avenue, salem	venkat	11 anna nagar, erode	5.20	delivered	TRK006	2025-01-22
7	7	anbu	34 gandhi street, madurai	ramesh	23 rajaji street, thanjavur	1.90	transported	TRK007	2025-02-05
8	8	selvi	48 periyar nagar, chennai	deepak	55 market street, madurai	2.70	shipped	TRK008	2025-03-27
9	9	dinesh	76 kamarajar road, erode	arun	18 lake road, coimbatore	4.30	delivered	TRK009	2025-02-14
10	10	vetri	12 rajaji street, thanjavur	kavitha	9 bus stand road, dindigul	2.50	pending	TRK010	2025-03-12

List all packages for a specific order:

select *from Courier where TrackingNumber='TRK004';

Results Messages									
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	4	karthi	21 mg road, chennai	lakshmi	5 temple street, thanjavur	2.30	delivered	TRK004	2025-02-25

List all deliveries for a specific courier

select *from Courier WHERE CourierID = 9 AND Status = 'delivered';

Results Messages									
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	9	dinesh	76 kamarajar road, erode	arun	18 lake road, coimbatore	4.30	delivered	TRK009	2025-02-14

List all undelivered packages

select *from Courier WHERE Status != 'delivered';

100 %

ResultsMessages

	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	2	dhoni	17 king street, trichy	geetha	15 rajaji street, madurai	2.80	pending	TRK002	2025-03-15
2	3	vijay	1 temple street, trichy	babu	10 kamarajar road, salem	4.10	transported	TRK003	2025-03-18
3	5	surya	5 anna nagar, coimbatore	nandhini	19 lake road, madurai	3.60	shipped	TRK005	2025-04-02
4	7	anbu	34 gandhi street, madurai	ramesh	23 rajaji street, thanjavur	1.90	transported	TRK007	2025-02-05
5	8	selvi	48 periyar nagar, chennai	deepak	55 market street, madurai	2.70	shipped	TRK008	2025-03-27
6	10	vetri	12 rajaji street, thanjavur	kavitha	9 bus stand road, dindigul	2.50	pending	TRK010	2025-03-12

List all packages that are scheduled for delivery today

select * from Courier Where DeliveryDate = cast(GETDATE() as date);

100 %

Results Messages

	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	11	prakash	15 gandhi road,coimbatore	nandhini	22 lake view street,chennai	3.80	delivered	TRK011	2025-03-25
2	12	revathi	9 nehru nagar,madurai	arun	30 anna salai,trichy	4.20	out for delivery	TRK012	2025-03-25

List all packages with a specific status

select *from Courier where Status='transported';

100 %

Results Messages

	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate	
1	3	vijay	1 temple street, trichy	babu	10 kamarajar road, salem	4.10	transported	TRK003	2025-03-18	
2	7	anbu	34 gandhi street, madurai	ramesh	23 rajaji street, thanjavur	1.90	transported	TRK007	2025-02-05	

Calculate the total number of packages for each courier.

select CourierID, count(*) as TotalPackages from Courier GROUP BY CourierID;

100 %

Results		
	CourierID	TotalPackages
1	1	1
2	2	1
3	3	1
4	4	1
5	5	1
6	6	1
7	7	1
8	8	1
9	9	1
10	10	1
11	11	1
12	12	1

List all packages with a specific weight range:

Select * from Courier where Weight between 1 AND 5;

Results									
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	1	virat	7 lion street, madurai	arun	24 lake road, chennai	3.20	delivered	TRK001	2025-02-10
2	2	dhoni	17 king street, trichy	geetha	15 rajaji street, madurai	2.80	pending	TRK002	2025-03-15
3	3	vijay	1 temple street, trichy	babu	10 kamarajar road, salem	4.10	transported	TRK003	2025-03-18
4	4	karthi	21 mg road, chennai	lakshmi	5 temple street, thanjavur	2.30	delivered	TRK004	2025-02-25
5	5	surya	5 anna nagar, coimbatore	nandhini	19 lake road, madurai	3.60	shipped	TRK005	2025-04-02
6	7	anbu	34 gandhi street, madurai	ramesh	23 rajaji street, thanjavur	1.90	transported	TRK007	2025-02-05
7	8	selvi	48 periyar nagar, chennai	deepak	55 market street, madurai	2.70	shipped	TRK008	2025-03-27
8	9	dinesh	76 kamarajar road, erode	arun	18 lake road, coimbatore	4.30	delivered	TRK009	2025-02-14
9	10	vetri	12 rajaji street, thanjavur	kavitha	9 bus stand road, dindigul	2.50	pending	TRK010	2025-03-12
10	11	prakash	15 gandhi road,coimbatore	nandhini	22 lake view street,chennai	3.80	delivered	TRK011	2025-03-25
11	12	revathi	9 nehru nagar,madurai	arun	30 anna salai,trichy	4.20	out for delivery	TRK012	2025-03-25

Retrieve employees whose names contain 'john'

select* from EmployeeTable Where Name like '%john%';

Results						
	EmployeeID	Name	Email	ContactNumber	Role	Salary
1	11	johnson	johnson@gmail.com	9390678901	courier handler	22000.00

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

select * from Payment where Amount > 50;

	PaymentID	CourierID	LocationID	Amount	PaymentDate
1	1	1	1	250.00	2025-01-02
2	2	2	2	300.50	2025-03-08
3	3	3	3	220.75	2025-01-07
4	4	4	4	180.00	2025-02-15
5	5	5	5	275.25	2025-04-10
6	6	6	6	190.00	2025-05-12
7	7	7	7	315.75	2025-06-20
8	8	8	8	280.50	2025-07-25
9	9	9	9	260.00	2025-08-05
10	10	10	10	295.30	2025-09-15