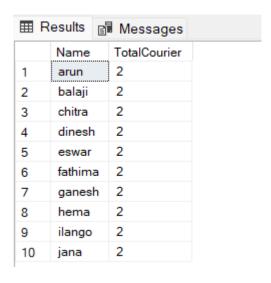
COURIER MANAGEMNT SYSTEM

Task 3

Find the total number of couriers handled by each employee.

select e.Name, count(c.CourierID) as TotalCourier from Courier c
join EmployeeTable e on c.EmployeeID = e.EmployeeID group by e.Name;



Calculate the total revenue generated by each location

select l.LocationName , sum(Amount) as TotalRevenue from payment p $join\ Location\ l\ on\ p.LocationID = l.LocationID$ group by l.LocationName

■ Results	es
LocationName	TotalRevenue
1 chennai express fac	ility 310.80
2 chennai main center	r 300.25
3 coimbatore rapid tra	nsport 185.70
4 coimbatore warehou	use 220.40
5 cuddalore distributio	on 150.30
6 dindigul regional hu	b 270.90
7 erode parcel station	195.80
8 kanchipuram transit	210.25
9 madurai fast shipme	ent 225.50
10 madurai hub	250.50
11 madurai parcel statio	on 275.75
12 madurai quick logist	tics 255.30
13 salem dispatch unit	275.90
14 salem fast dispatch	185.90
15 thanajvur express de	epot 260.40
16 thanjavur logistics	320.50
	100 75

Find the total number of couriers delivered to each location.

select l.LocationName , count(c.CourierID) from Location l join Payment p on l.LocationID=p.LocationID $\label{eq:location} join \ Courier \ c \ on \ p.CourierID = c.CourierID$ group by l.LocationName

	LocationName	(No column name)
1	chennai express facility	1
2	chennai main center	1
3	coimbatore rapid transport	1
4	coimbatore warehouse	1
5	cuddalore distribution	1
6	dindigul regional hub	1
7	erode parcel station	1
8	kanchipuram transit	1
9	madurai fast shipment	1
10	madurai hub	1
11	madurai parcel station	1
12	madurai quick logistics	1
13	salem dispatch unit	1
14	salem fast dispatch	1
15	thanajvur express depot	1
16	thanjavur logistics	1

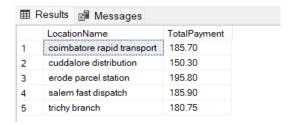
Find the courier with the highest average delivery time:

select top 1 CourierID, avg(DeliveryTime) as AvgDeliveryTime from Courier group by CourierID order by AvgDeliveryTime desc



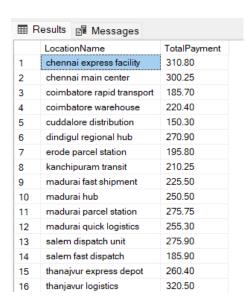
Find Locations with Total Payments Less Than a Certain Amount

select LocationName, sum(Amount) as TotalPayment from Payment p join Location l on p.LocationID=l.LocationID group by LocationName having sum(Amount) < 200;



Calculate Total Payments per Location

select LocationName, sum(Amount) as TotalPayment from Payment p join Location l on p.LocationID=l.LocationID group by LocationName



Retrieve couriers who have received payments totaling more than 1000 in a specific location (LocationID = X):

select c.CourierID, c.SenderName, c.ReceiverName, sum(p.Amount) AS

TotalPayments from Courier c

join Payment p on c.CourierID = p.CourierID

where p.LocationID = 9

group by c.CourierID, c.SenderName, c.ReceiverName

having sum(p.Amount) > 100

order by TotalPayments;



Retrieve couriers who have received payments totaling more than \$100 after a certain date (PaymentDate > 'YYYY-MM-DD'):

select c.CourierID, c.SenderName, c.ReceiverName, sum(p.Amount) AS

TotalPayments from Courier c

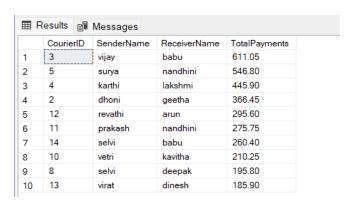
join Payment p on c.CourierID = p.CourierID

where p.PaymentDate > '2025-02-14'

group by c.CourierID, c.SenderName, c.ReceiverName

having sum(p.Amount) > 100

order by TotalPayments DESC;



Retrieve locations where the total amount received is more than \$5000 before a certain date (PaymentDate > 'YYYY-MM-DD')

select p.LocationID, sum(p.Amount) as TotalAmtReceived

from Payment p

where p.PaymentDate < '2025-03-12'

group by p.LocationID

having sum(p.Amount) > 300

order by TotalAmtReceived;

	LocationID	TotalAmtReceived
1	3	300.25
2	6	315.60
3	9	320.50
4	20	325.40