

```
47 join courier c on e.employee_id = c.courier_id
48 group by e.employee_name
49
50 -- 15. Calculate the total revenue generated by each location
51 select l.location_name, sum(p.amount) as total_revenue
52 from location l
53 join payment p on l.location_id = p.location_id
54 group by l.location_name
```

95 %

Results Messages

	location_name	total_revenue
1	Chicago	150
2	Dallas	500
3	Houston	250
4	Los Angeles	200
5	New York	100
6	Philadelphia	220
7	Phoenix	180
8	San Antonio	300
9	San Diego	400
10	San Jose	600

```

55
56 -- 16. Find the total number of couriers delivered to each location
57 select l.location_name, count(c.courier_id) as total_deliveries
58 from location l
59 join payment p on l.location_id = p.location_id
60 join courier c on p.courier_id = c.courier_id
61 where c.status = 'delivered'
62 group by l.location_name
63
64 -- 17. Find the courier with the highest average delivery time
65 select top 1 sendername, avg(datediff(day, delivery_date, getdate()))
66 from courier
67 group by sendername
68 order by avg_delivery_time desc
69

```

Results Messages

location_name	total_deliveries
Chicago	1
Dallas	1
Houston	1
New York	1
Philadelphia	1
San Diego	1

sendername	avg_delivery_time
John Doe	387

```

69
70 -- 18. Find locations with total payments less than a certain amount
71 select l.location_name, sum(p.amount) as total_payments
72 from location l
73 join payment p on l.location_id = p.location_id
74 group by l.location_name
75 having sum(p.amount) < 500
76
77 -- 19. Calculate total payments per location
78 select l.location_name, sum(p.amount) as total_payments
79 from location l
80 join payment p on l.location_id = p.location_id
81 group by l.location_name

```

5 %

Results Messages

	location_name	total_payments
1	Chicago	150
2	Houston	250
3	Los Angeles	200
4	New York	100
5	Philadelphia	220
6	Phoenix	180
7	San Antonio	300
8	San Diego	400

	location_name	total_payments
1	Chicago	150
2	Dallas	500
3	Houston	250
4	Los Angeles	200
5	New York	100
6	Philadelphia	220
7	Phoenix	180

```

82
83 -- 20. Retrieve couriers who have received payments totaling more than :
84 SELECT c.Courier_id, c.SenderName, SUM(p.Amount) AS Total_Payments
85 FROM Courier c
86 JOIN Payment p ON c.Courier_id = p.Courier_id
87 WHERE p.Location_id = 201
88 GROUP BY c.Courier_id, c.SenderName

```

5 %

Results Messages

	Courier_id	SenderName	Total_Payments
1	101	John Doe	100

```

91 -- 21. Retrieve couriers who have received payments totaling more
92 select c.sendername, sum(p.amount) as total_payments
93 from courier c
94 join payment p on c.courier_id = p.courier_id
95 where p.paymentdate > '2024-03-02'
96 group by c.sendername
97 having sum(p.amount) > 100

```

Results Messages

sendername	total_payments
Bob Johnson	150
Charlie Brown	250
David White	180
Eva Green	220
Frank Black	300
Grace Blue	400
Henry Red	500
Ivy Yellow	600

```

98 -- 22. Retrieve locations where the total amount received is more than
99
100 select l.location_name, sum(p.amount) as total_payments
101 from location l
102 join payment p on l.location_id = p.location_id
103 where p.paymentdate < '2025-03-02'
104 group by l.location_name
105 having sum(p.amount) > 50
106

```

%

Results Messages

location_name	total_payments
Chicago	150
Dallas	500
Houston	250
Los Angeles	200
New York	100
Philadelphia	220
Phoenix	180
San Antonio	300