

Courier Management System

Task 5

Find couriers that have a weight greater than the average weight of all couriers

select * from Courier where weight > (select avg(weight) from Courier)

Results		Messages				
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight
1	3	vijay	1 temple street, trichy	babu	10 kamarajar road, salem	4.10
2	5	surya	5 anna nagar, coimbatore	nandhini	19 lake road, madurai	3.60
3	6	meena	10 park avenue, salem	venkat	11 anna nagar, erode	5.20
4	9	dinesh	76 kamarajar road, erode	arun	18 lake road, coimbatore	4.30
5	11	prakash	15 gandhi road,coimbatore	nandhini	22 lake view street,chennai	3.80
6	12	revathi	9 nehru nagar,madurai	arun	30 anna salai,trichy	4.20
7	15	vijay	33 anna street, coimbatore	geetha	14 nehru road, madurai	3.90
8	16	meena	19 lake road, erode	lakshmi	5 kamarajar street, thanjavur	4.10
9	18	anbu	55 market street, madurai	prakash	10 anna nagar, coimbatore	3.40
10	19	surya	12 lake road, salem	deepak	34 rajaji street, chennai	4.00

Find the names of all employees who have a salary greater than the average salary

select name from EmployeeTable where salary > (select avg(salary) from EmployeeTable)

	name
1	arun
2	dinesh
3	eswar
4	hema
5	ilango

Find the total cost of all courier services where the cost is less than the maximum cost

select sum(Cost) AS TotalCost

from courierservices

where Cost < (select max(Cost) from courierservices);

Results		Messages	
	TotalCost		
1	7150.00		

Find all couriers that have been paid for

select c.*

from courier c

where EXISTS (select 1 from payment p where p.CourierID = c.CourierID);

Results Messages						
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight
1	1	virat	7 lion street, madurai	arun	24 lake road, chennai	3.20
2	2	dhoni	17 king street, trichy	geetha	15 rajaji street, madurai	2.80
3	3	vijay	1 temple street, trichy	babu	10 kamarajar road, salem	4.10
4	4	karthi	21 mg road, chennai	lakshmi	5 temple street, thanjavur	2.30
5	5	surya	5 anna nagar, coimbatore	nandhini	19 lake road, madurai	3.60
6	6	meena	10 park avenue, salem	venkat	11 anna nagar, erode	5.20
7	7	anbu	34 gandhi street, madurai	ramesh	23 rajaji street, thanjavur	1.90
8	8	selvi	48 periyar nagar, chennai	deepak	55 market street, madurai	2.70
9	9	dinesh	76 kamarajar road, erode	arun	18 lake road, coimbatore	4.30
10	10	vetri	12 rajaji street, thanjavur	kavitha	9 bus stand road, dindigul	2.50
11	11	prakash	15 gandhi road,coimbatore	nandhini	22 lake view street,chennai	3.80
12	12	revathi	9 nehru nagar,madurai	arun	30 anna salai,trichy	4.20
13	13	virat	25 mg road, chennai	dinesh	10 anna nagar, trichy	2.80
14	14	selvi	5 temple street, madurai	babu	21 gandhi nagar, chennai	3.20

Find the locations where the maximum payment amount was made

select l.*, p.Amount

from Location l

join Payment p on l.LocationID = p.LocationID

where p.Amount = (select max(Amount) from Payment);

Results Messages				
	LocationID	LocationName	Address	Amount
1	20	trichy local warehouse	10 anna nagar, trichy	325.40

Find all couriers whose weight is greater than the weight of all couriers sent by a specific sender (e.g., 'SenderName'):

select * from Courier where Weight > all (select Weight from Courier where SenderName = 'virat');

Results Messages						
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight
1	3	vijay	1 temple street, trichy	babu	10 kamarajar road, salem	4.10
2	5	surya	5 anna nagar, coimbatore	nandhini	19 lake road, madurai	3.60
3	6	meena	10 park avenue, salem	venkat	11 anna nagar, erode	5.20
4	9	dinesh	76 kamarajar road, erode	arun	18 lake road, coimbatore	4.30
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6	12	revathi	9 nehru nagar,madurai	arun	30 anna salai,trichy	4.20
7	15	vijay	33 anna street, coimbatore	geetha	14 nehru road, madurai	3.90
8	16	meena	19 lake road, erode	lakshmi	5 kamarajar street, thanjavur	4.10
9	18	anbu	55 market street, madurai	prakash	10 anna nagar, coimbatore	3.40
10	19	surya	12 lake road, salem	deepak	34 rajaji street, chennai	4.00