

--Scope: Inner Queries, Non Equi Joins, Equi joins,Exist,Any,All

OUTPUT:

--49. Find couriers that have a weight greater than the average weight of all couriers

```
SELECT CourierID, SenderName, ReceiverName, Weight
FROM Courier
WHERE Weight > (SELECT AVG(Weight) FROM Courier);
```

	CourierID	SenderName	ReceiverName	Weight
1	2	Priya	Arun	5.00

--50. Find the names of all employees who have a salary greater than the average salary:

```
SELECT Name, Salary
FROM Employee
WHERE Salary > (SELECT AVG(Salary) FROM Employee);
```

	Name	Salary
1	Sarah	50000.00

--51. 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);
```

	TotalCost ▾
1	850.00

--52. Find all couriers that have been paid for

```
SELECT C.CourierID, C.TrackingNumber, C.SenderName,
C.ReceiverName, C.Status
FROM Courier C
WHERE EXISTS (SELECT 1 FROM Payment P WHERE P.CourierID =
C.CourierID);
```

	CourierID ▾	TrackingNumber ▾	SenderName ▾	ReceiverName ▾	Status ▾
1	1	TRK123456	Makesh	Manoj	In Transit
2	2	TRK789123	Priya	Arun	Delivered
3	3	TRK321789	Arun	Priya	Pending

--53. Find the locations where the maximum payment amount was made

```
SELECT L.LocationID, L.LocationName, P.Amount
FROM Payment P
JOIN Location L ON P.LocationID = L.LocationID
WHERE P.Amount = (SELECT MAX(Amount) FROM Payment);
```

	LocationID	LocationName	Amount
1	3	Mumbai Hub	500.00

--54. Find all couriers whose weight is greater than the weight of all couriers sent by a specific sender (e.g., 'SenderName'):

```
SELECT CourierID, SenderName, ReceiverName, Weight
FROM Courier
WHERE Weight > ALL (SELECT Weight FROM Courier WHERE SenderName =
'Makesh');
```

	CourierID	SenderName	ReceiverName	Weight
1	2	Priya	Arun	5.00
2	3	Arun	Priya	3.25