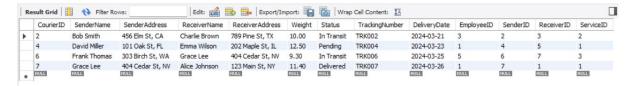
# ASSIGNMENT 4- COURIER MANAGEMENT SYSTEM TASK 4(Part two)

# Inner Queries, Non Equi Joins, Equi joins, Exist, Any, All (Executed on Mysql Workbench)

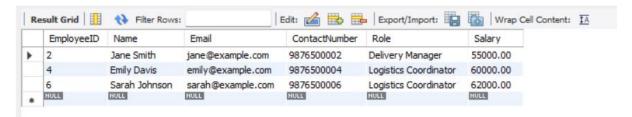
### 49. Find couriers that have a weight greater than the average weight of all couriers

Select \* from courier where weight>(Select avg(weight) from courier);



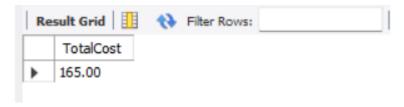
## 50. Find the names of all employees who have a salary greater than the average salary

Select \* from employee\_table where Salary>(Select avg(salary) from employee\_table);



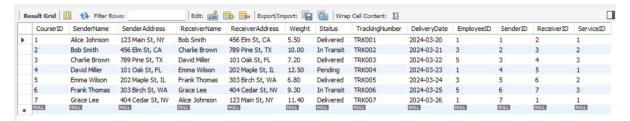
### 51. Find the total cost of all courier services where the cost is less than the maximum cost

SELECT SUM(Cost) AS TotalCost FROM courierservices WHERE Cost < (SELECT MAX(Cost) FROM courierservices);



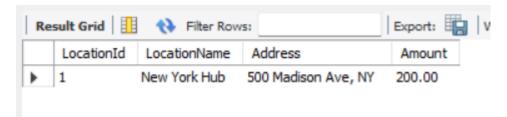
#### 52. Find all couriers that have been paid for

SELECT c.\* FROM courier c WHERE EXISTS ( SELECT \* FROM payment\_table p WHERE p.CourierId = c.CourierId);



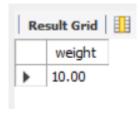
#### 53. Find the locations where the maximum payment amount was made

SELECT l.LocationId, l.LocationName, l.Address,p.Amount FROM location\_table l JOIN payment\_table p ON l.LocationId = p.LocationId WHERE p.Amount = (SELECT MAX(Amount) FROM payment\_table);

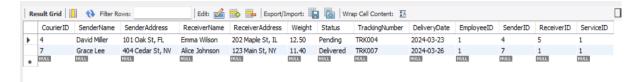


## 54. Find all couriers whose weight is greater than the weight of all couriers sent by a specific sender (e.g., 'SenderName')

SELECT weight FROM courier WHERE SenderName='Bob Smith';



SELECT \* FROM courier WHERE weight > ALL (SELECT weight FROM courier WHERE SenderName='Bob Smith');



(This query returns all couriers weighing more than every courier sent by 'Bob Smith' (10.00 kg), correctly showing only David Miller's (12.50 kg) and Grace Lee's (11.40 kg))