**HEXAWARE FOUNDATION PROGRAM – BATCH 5**

**ASSIGNMENT -3 (25.03.2025)**

**COURIER MANAGEMENT SYSTEM**

**Execute the following Queries:**

14. Find the total number of couriers handled by each employee.    
15. Calculate the total revenue generated by each location    
16. Find the total number of couriers delivered to each location.    
17. Find the courier with the highest average delivery time:    
18. Find Locations with Total Payments Less Than a Certain Amount    
19. Calculate Total Payments per Location    
20. Retrieve couriers who have received payments totaling more than $1000 in a specific location (LocationID = X):    
21. Retrieve couriers who have received payments totaling more than $1000 after a certain date (PaymentDate > 'YYYY-MM-DD'):    
22. Retrieve locations where the total amount received is more than $5000 before a certain date (PaymentDate > 'YYYY-MM-DD')    
Task 4: Inner Join,Full Outer Join, Cross Join, Left Outer Join,Right Outer Join    
23. Retrieve Payments with Courier Information    
24. Retrieve Payments with Location Information    
25. Retrieve Payments with Courier and Location Information    
26. List all payments with courier details    
27. Total payments received for each courier    
28. List payments made on a specific date    
  
29. Get Courier Information for Each Payment    
30. Get Payment Details with Location    
31. Calculating Total Payments for Each Courier    
32. List Payments Within a Date Range    
33. Retrieve a list of all users and their corresponding courier records, including cases where there are no matches on either side    
34. Retrieve a list of all couriers and their corresponding services, including cases where there are no matches on either side    
35. Retrieve a list of all employees and their corresponding payments, including cases where there are no matches on either side    
36. List all users and all courier services, showing all possible combinations.    
37. List all employees and all locations, showing all possible combinations:    
38. Retrieve a list of couriers and their corresponding sender information (if available)    
39. Retrieve a list of couriers and their corresponding receiver information (if available):    
40. Retrieve a list of couriers along with the courier service details (if available):

41. Retrieve a list of employees and the number of couriers assigned to each employee:    
42. Retrieve a list of locations and the total payment amount received at each location:    
43. Retrieve all couriers sent by the same sender (based on SenderName).    
44. List all employees who share the same role.    
45. Retrieve all payments made for couriers sent from the same location.    
46. Retrieve all couriers sent from the same location (based on SenderAddress).    
47. List employees and the number of couriers they have delivered:    
48. Find couriers that were paid an amount greater than the cost of their respective courier services    
  
Scope: Inner Queries, Non Equi Joins, Equi joins,Exist,Any,All    
49. Find couriers that have a weight greater than the average weight of all couriers    
50. Find the names of all employees who have a salary greater than the average salary:    
51. Find the total cost of all courier services where the cost is less than the maximum cost    
52. Find all couriers that have been paid for    
53. Find the locations where the maximum payment amount was made    
54. Find all couriers whose weight is greater than the weight of all couriers sent by a specific sender (e.g., 'SenderName'):







