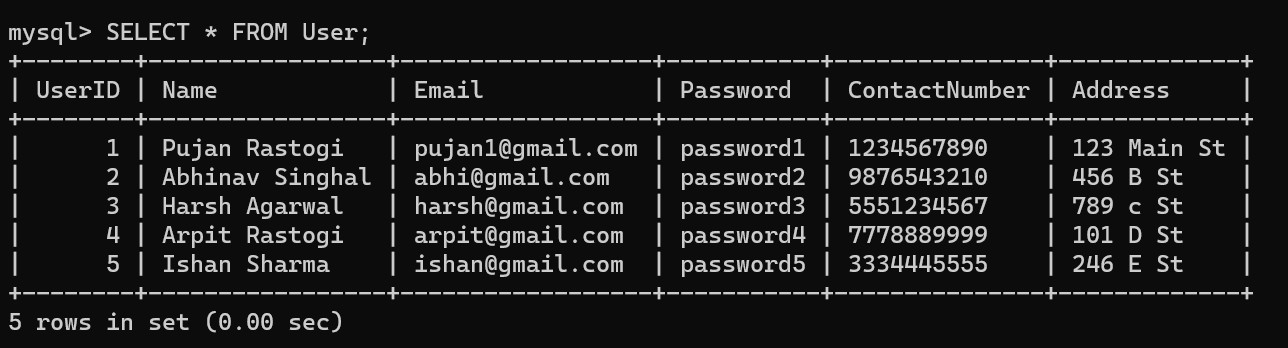


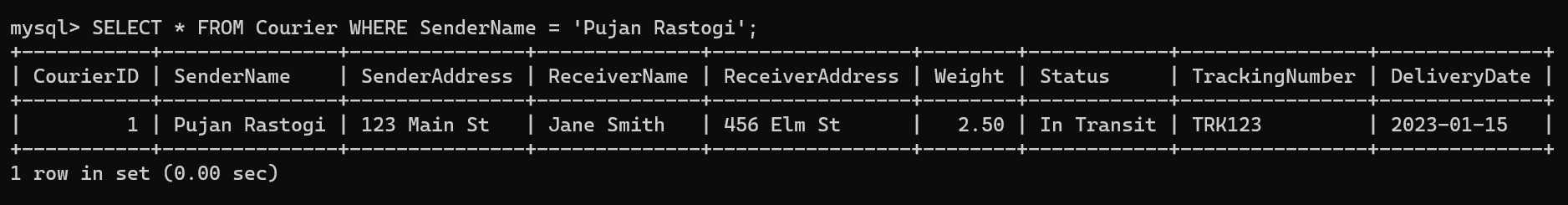
**Task 2: Select,Where**

**Solve the following queries in the Schema that you have created above**

**1. List all customers:**

****

**2. List all orders for a specific customer:**

****

**3. List all couriers:**

****

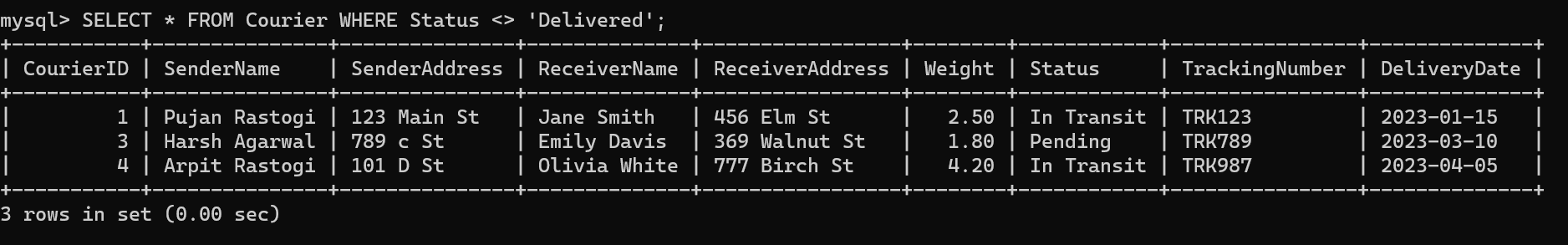
**4. List all packages for a specific order:**

****

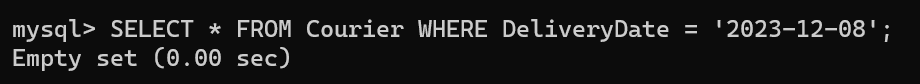
**5. List all deliveries for a specific courier:**

****

**6. List all undelivered packages:**

****

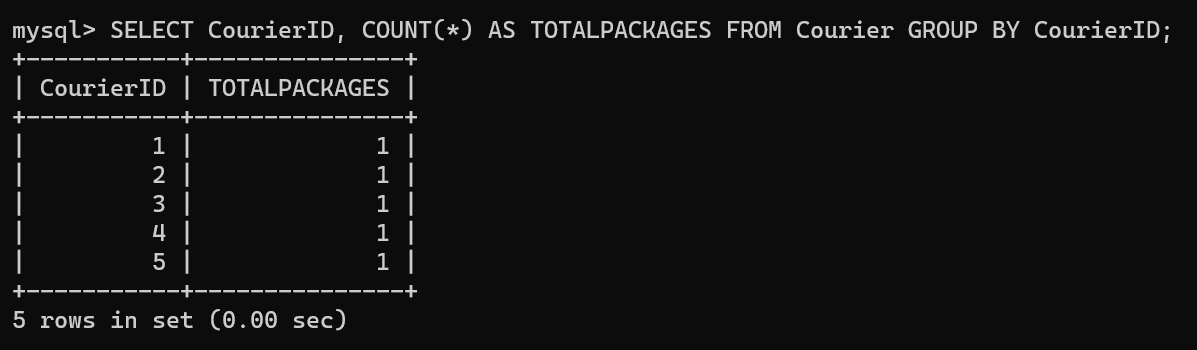
**7. List all packages that are scheduled for delivery today:**

****

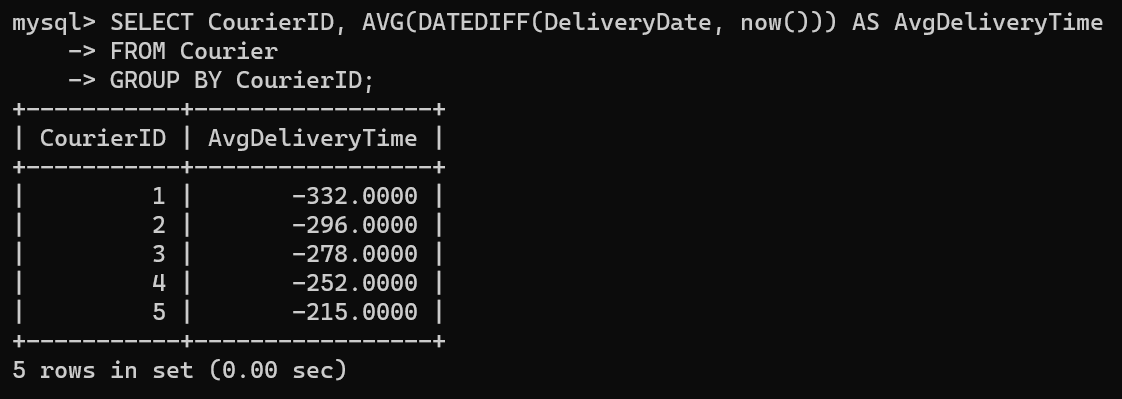
**8. List all packages with a specific status:**

****

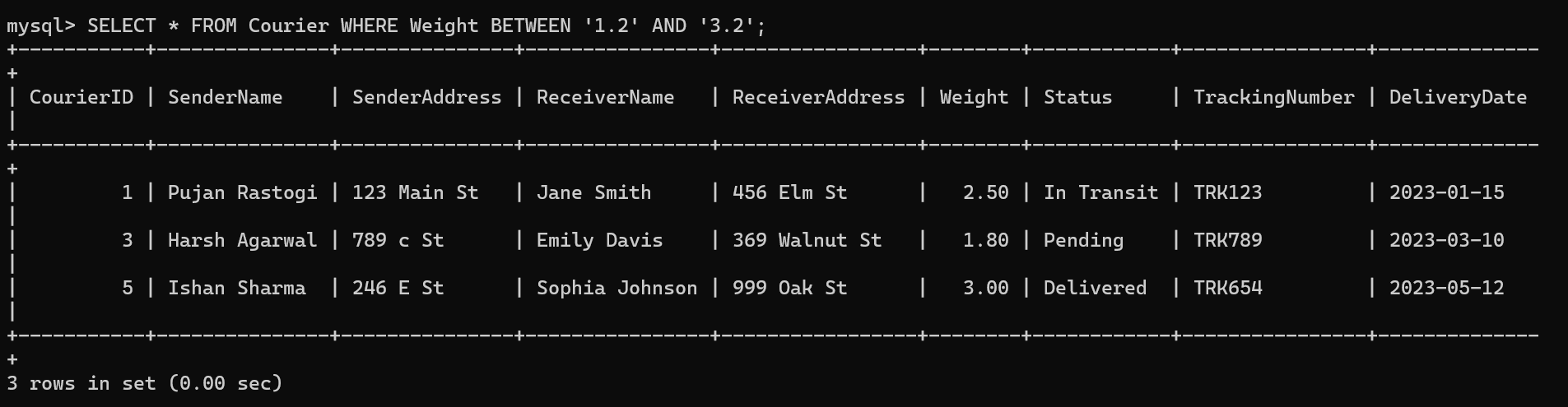
**9. Calculate the total number of packages for each courier.**

****

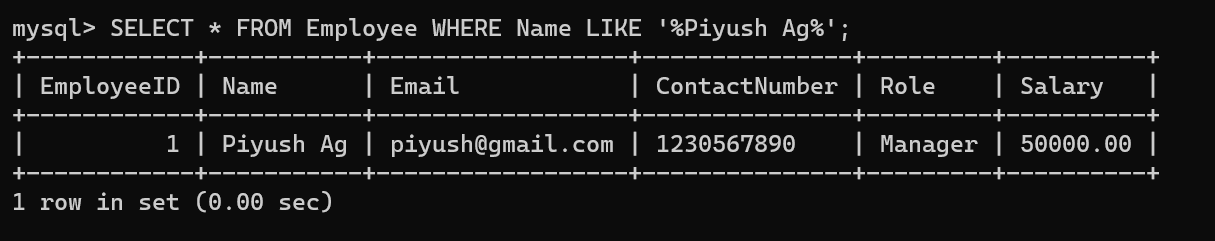
**10. Find the average delivery time for each courier**

****

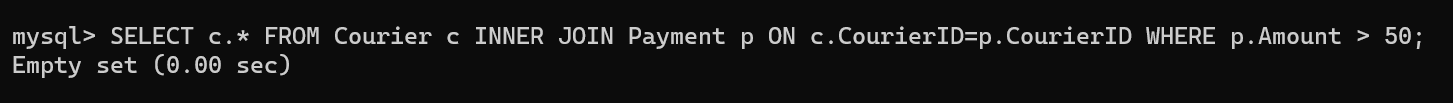
**11. List all packages with a specific weight range:**

****

**12. Retrieve employees whose names contain 'Piyush Ag'**

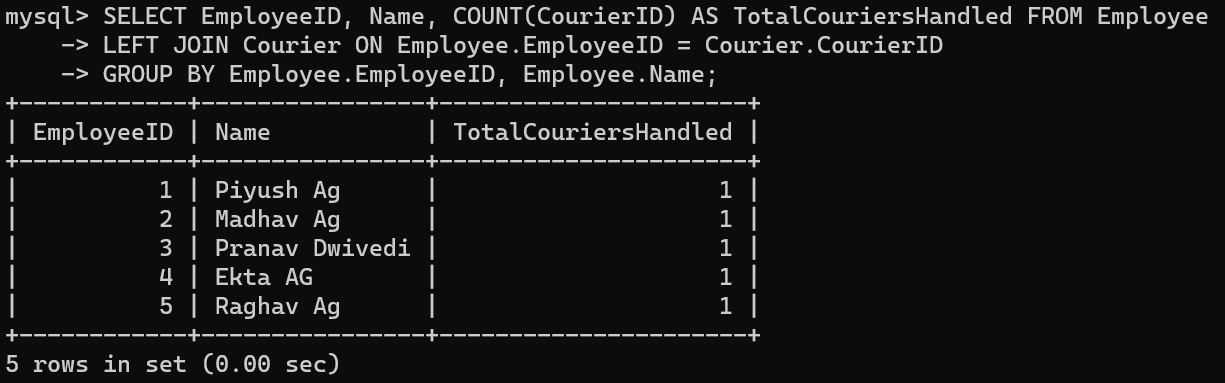
****

**13. Retrieve all courier records with payments greater than $50.**

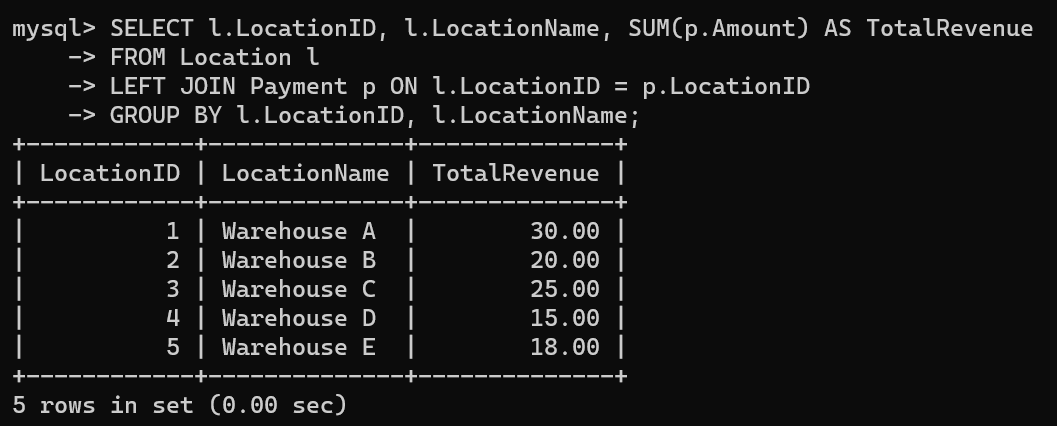
****

**Task 3: GroupBy, Aggregate Functions, Having, Order By, where**

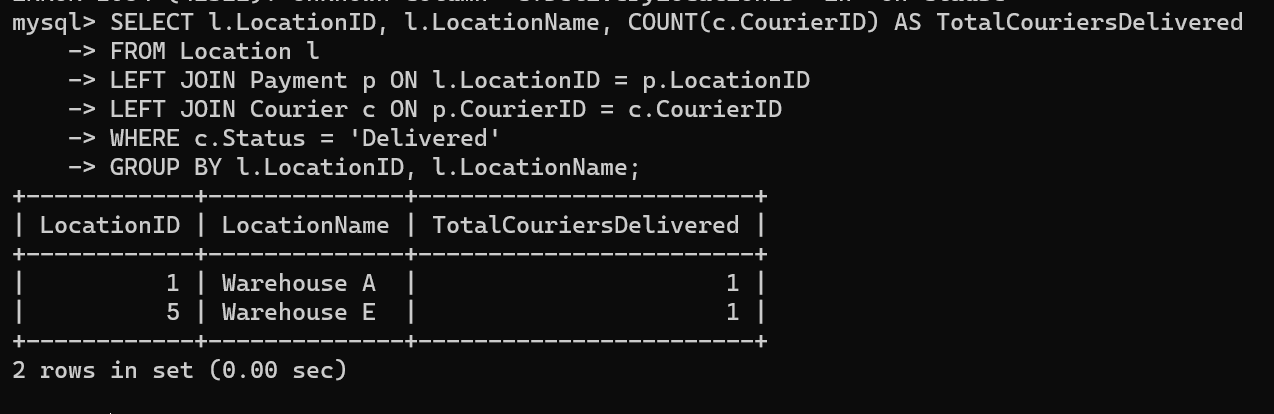
**14. Find the total number of couriers handled by each employee.**

****

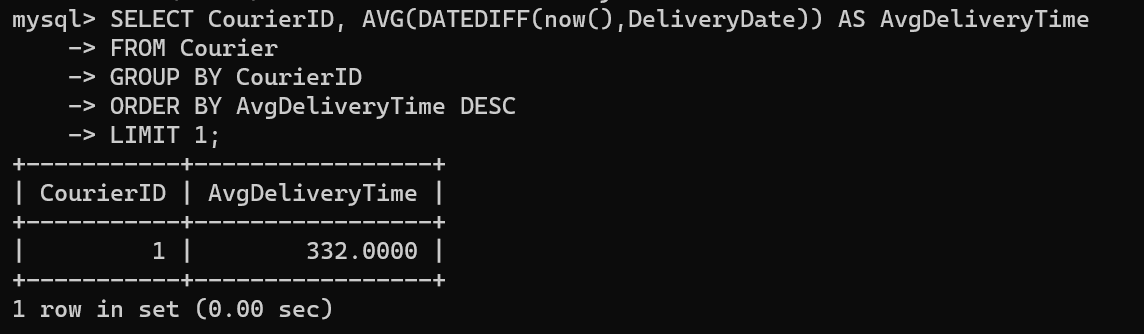
**15. Calculate the total revenue generated by each location**

****

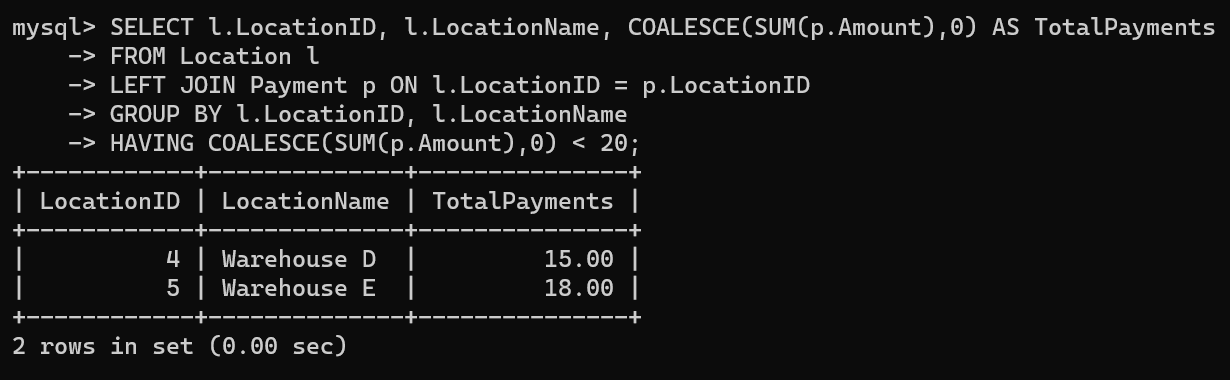
**16. Find the total number of couriers delivered to each location.**

****

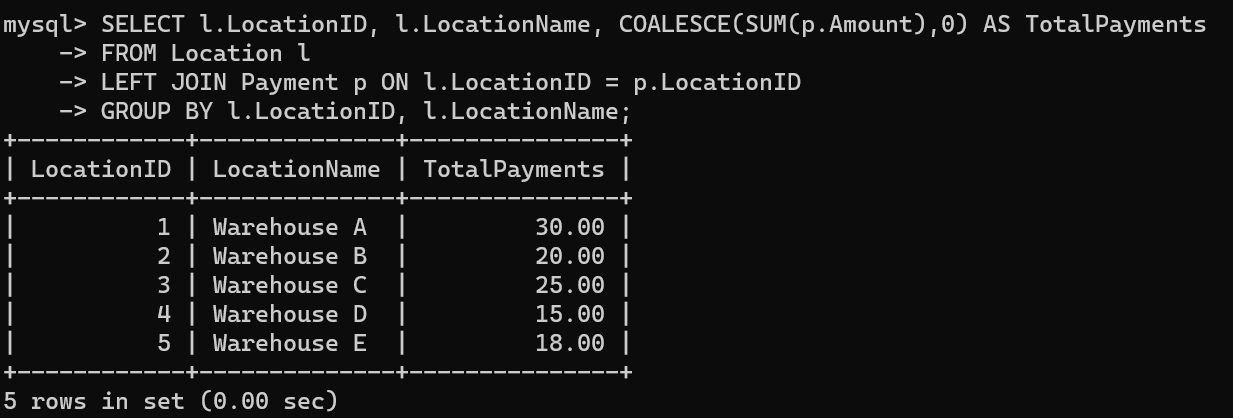
**17. Find the courier with the highest average delivery time:**

****

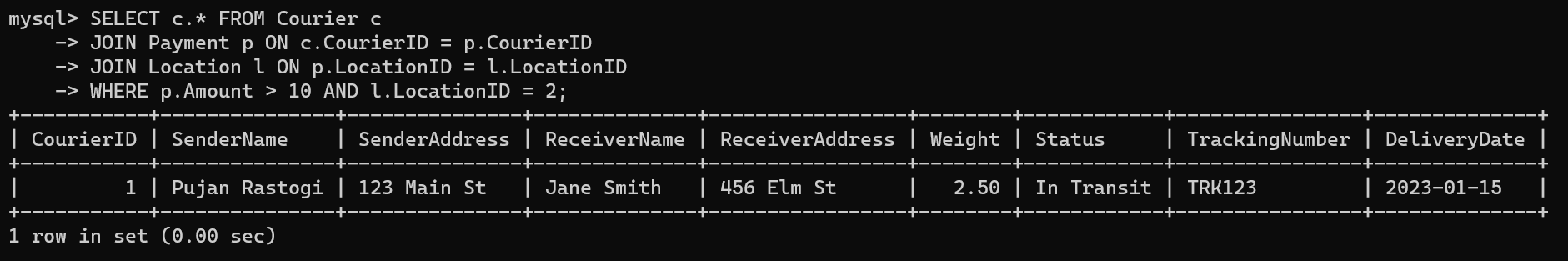
**18. Find Locations with Total Payments Less Than a Certain Amount**

****

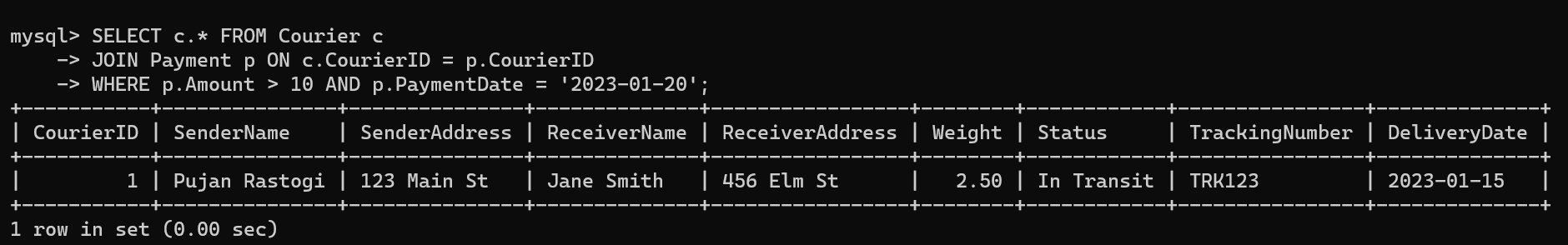
**19. Calculate Total Payments per Location**

****

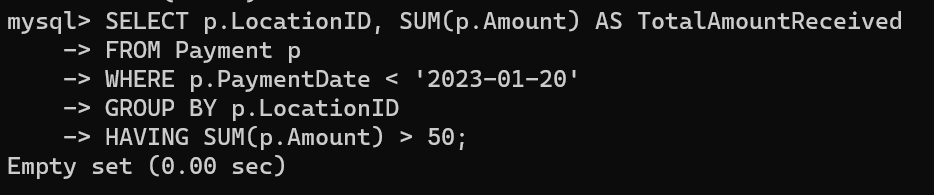
**20. Retrieve couriers who have received payments totaling more than $1000 in a specific location (LocationID = X):**

****

**21. Retrieve couriers who have received payments totaling more than $1000 after a certain date (PaymentDate > 'YYYY-MM-DD'):**

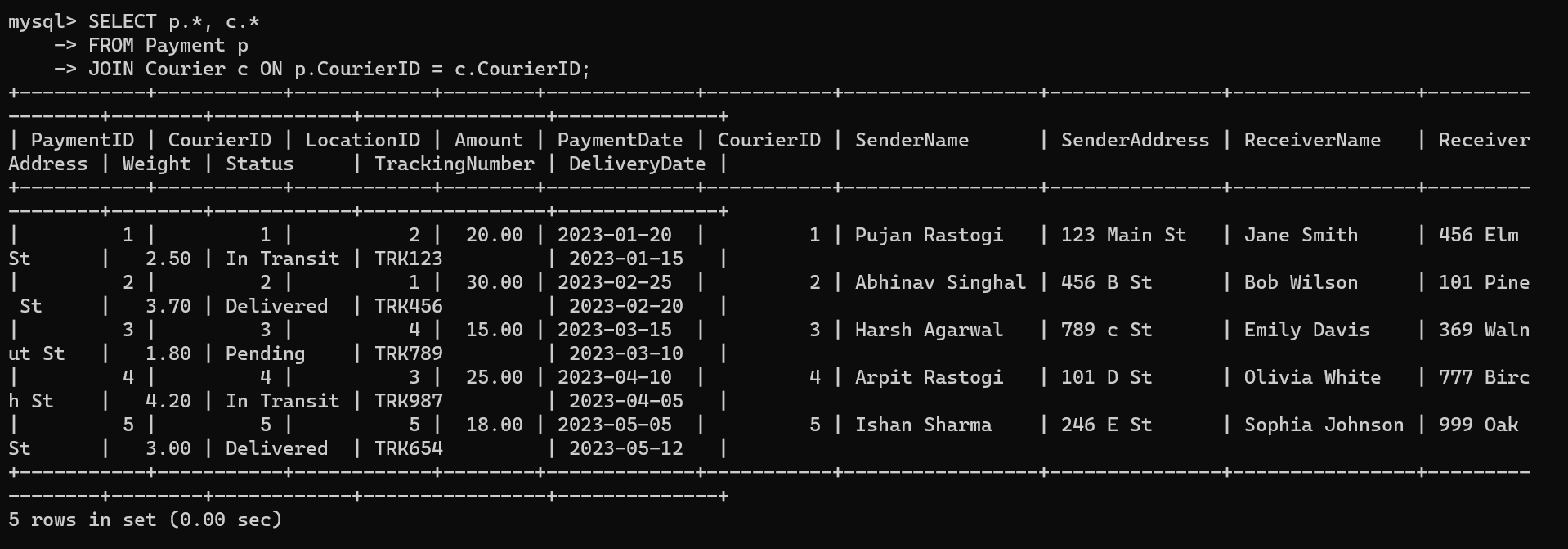
****

**22. Retrieve locations where the total amount received is more than $5000 before a certain date (PaymentDate > 'YYYY-MM-DD')**

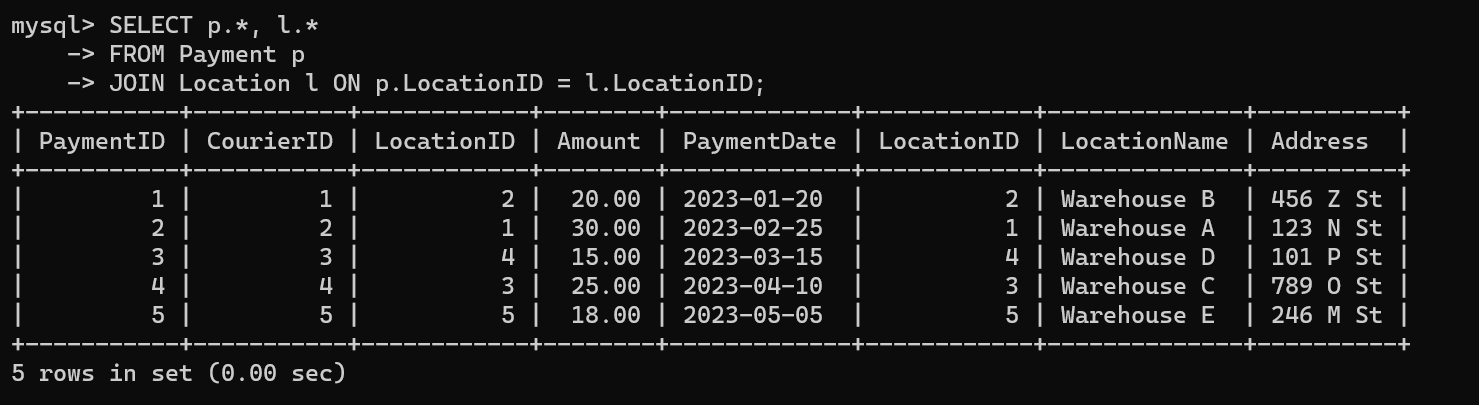
****

**Task 4: Inner Join,Full Outer Join, Cross Join, Left Outer Join,Right Outer Join**

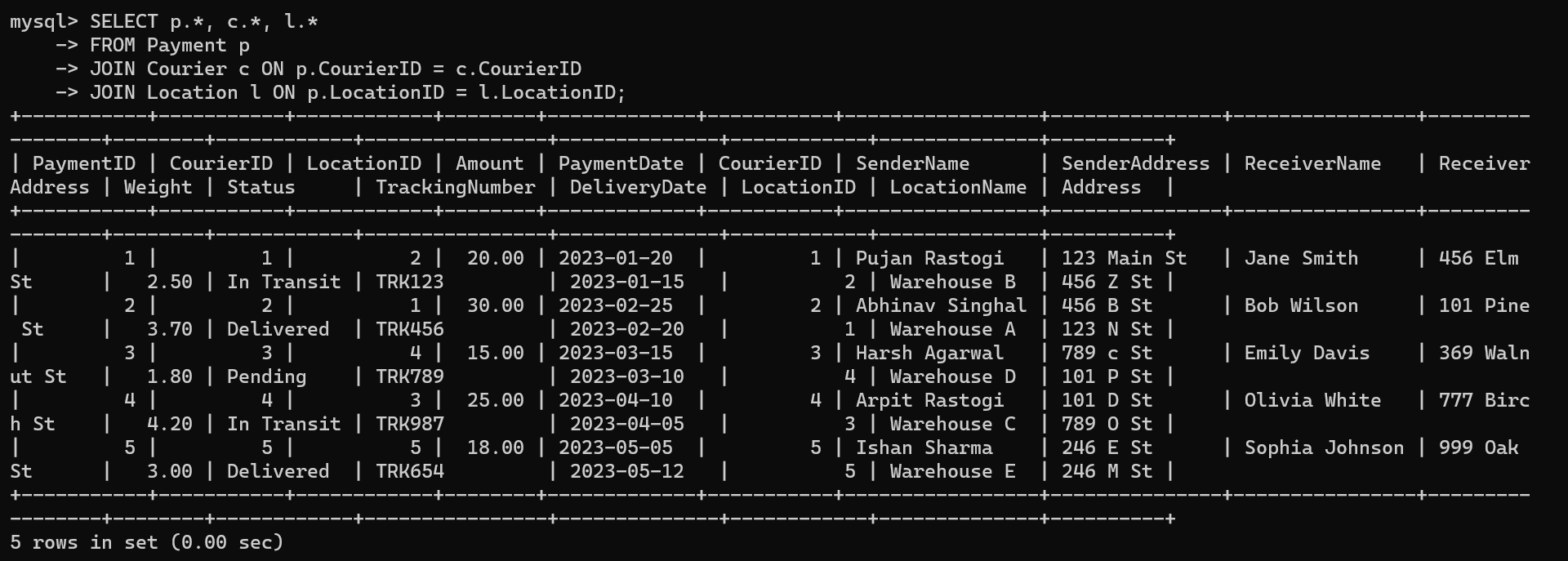
**23. Retrieve Payments with Courier Information**



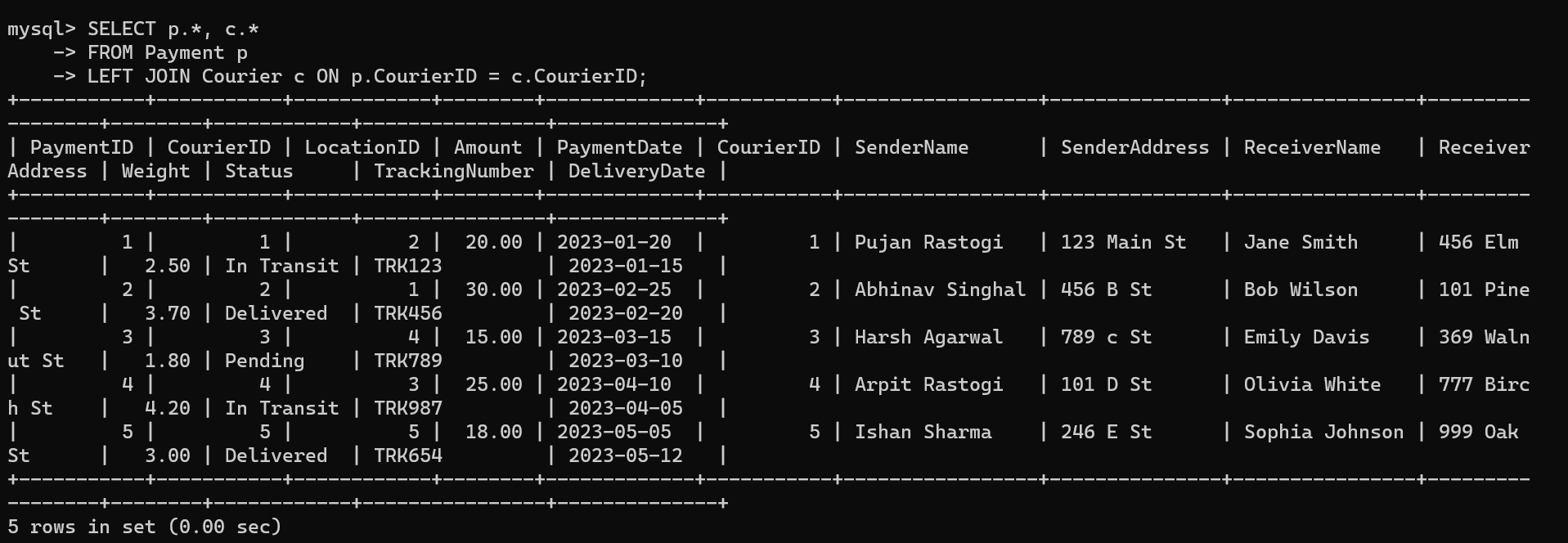
**24. Retrieve Payments with Location Information**

****

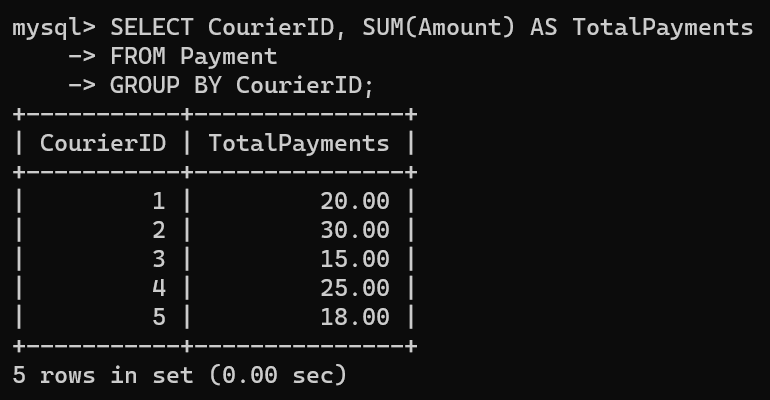
**25. Retrieve Payments with Courier and Location Information**

****

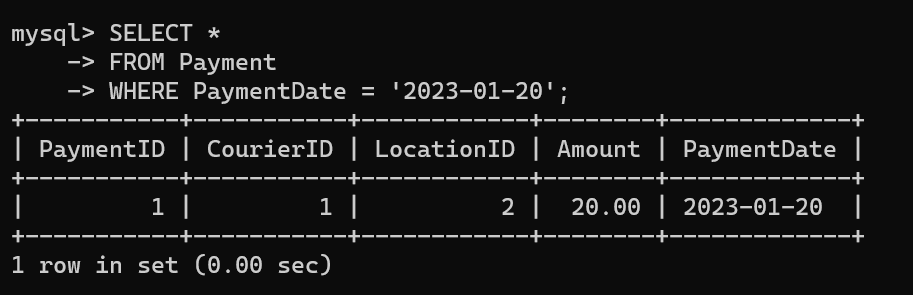
**26. List all payments with courier details**

****

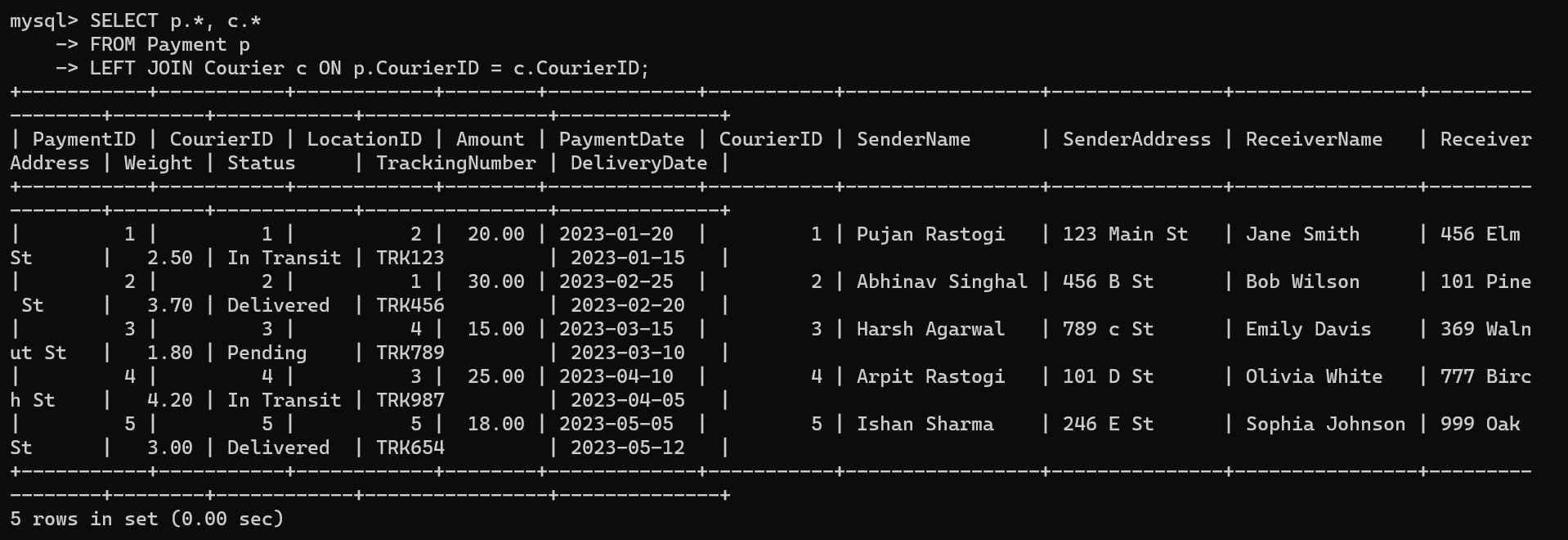
**27. Total payments received for each courier**

****

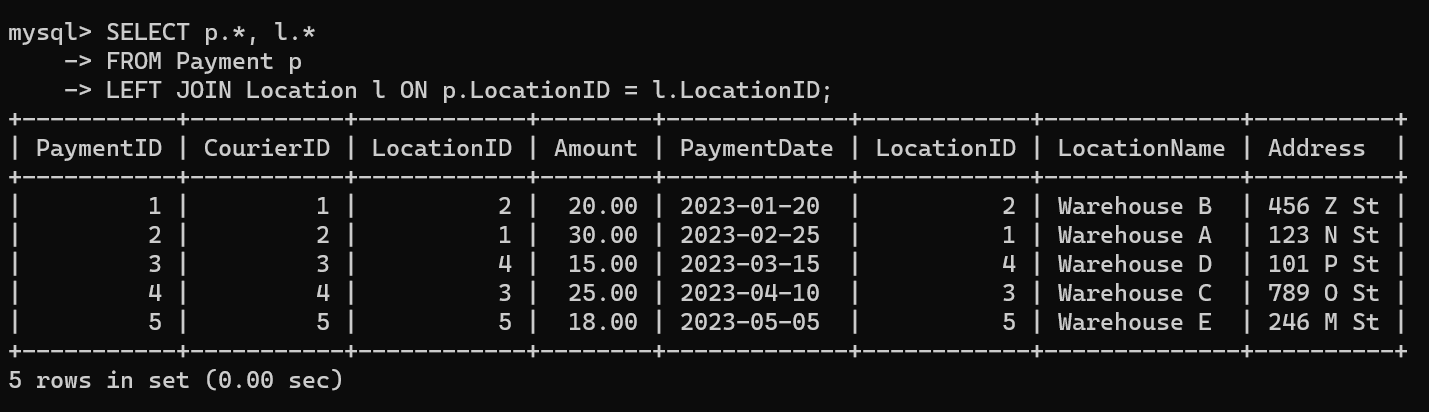
**28. List payments made on a specific date**

****

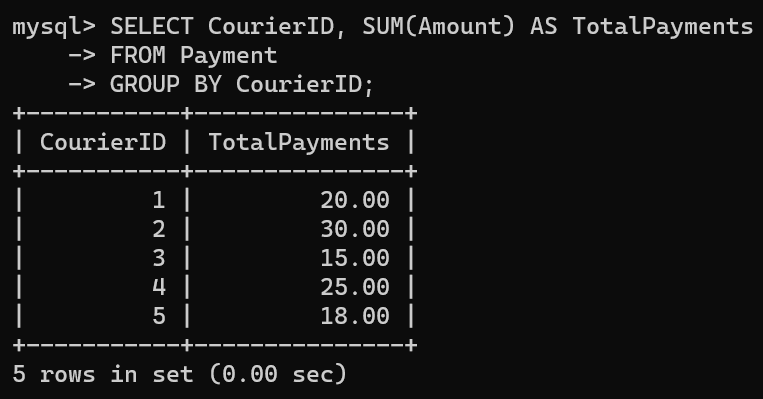
**29. Get Courier Information for Each Payment**

****

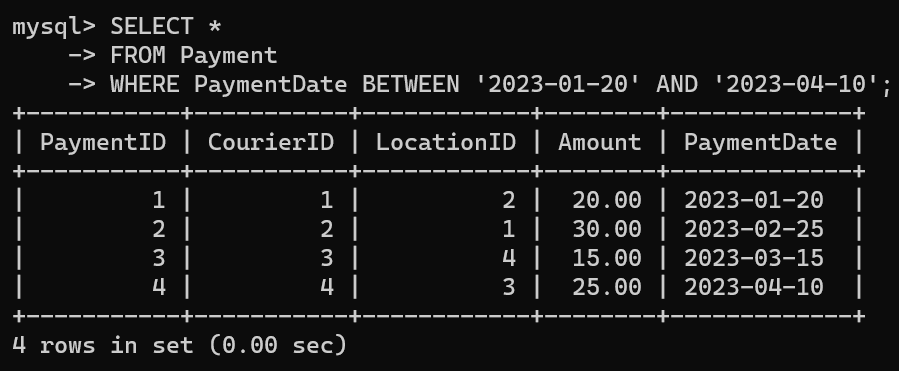
**30. Get Payment Details with Location**

****

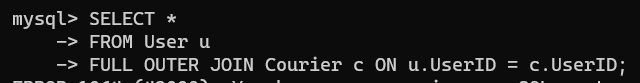
**31. Calculating Total Payments for Each Courier**

****

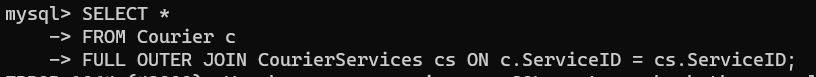
**32. List Payments Within a Date Range**

****

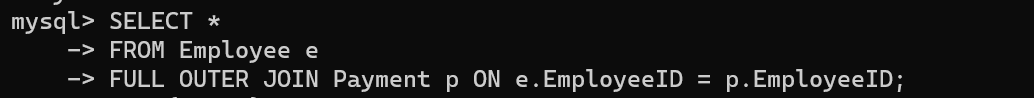
**33. Retrieve a list of all users and their corresponding courier records, including cases where there are no matches on either side**

****

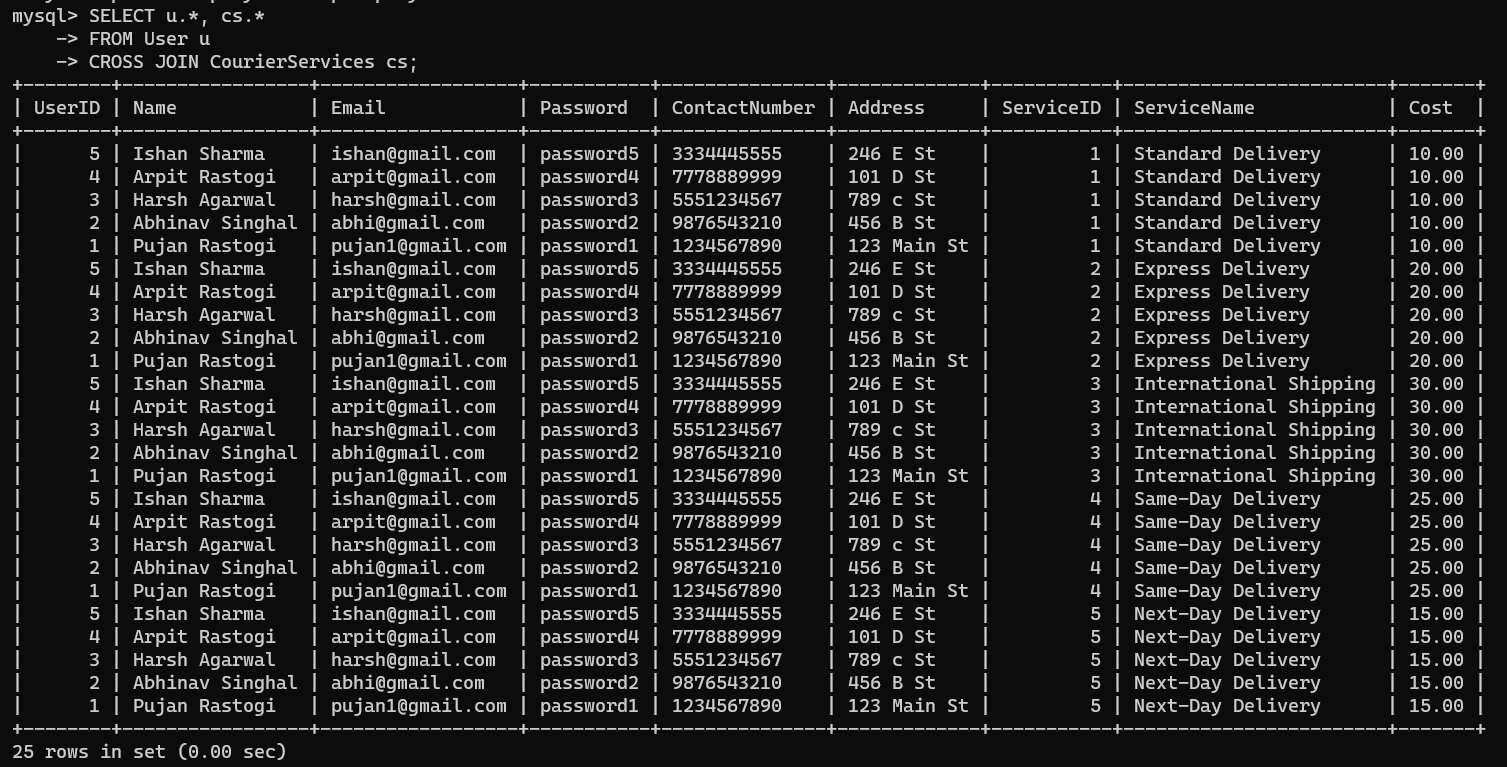
**34. Retrieve a list of all couriers and their corresponding services, including cases where there are no matches on either side**

****

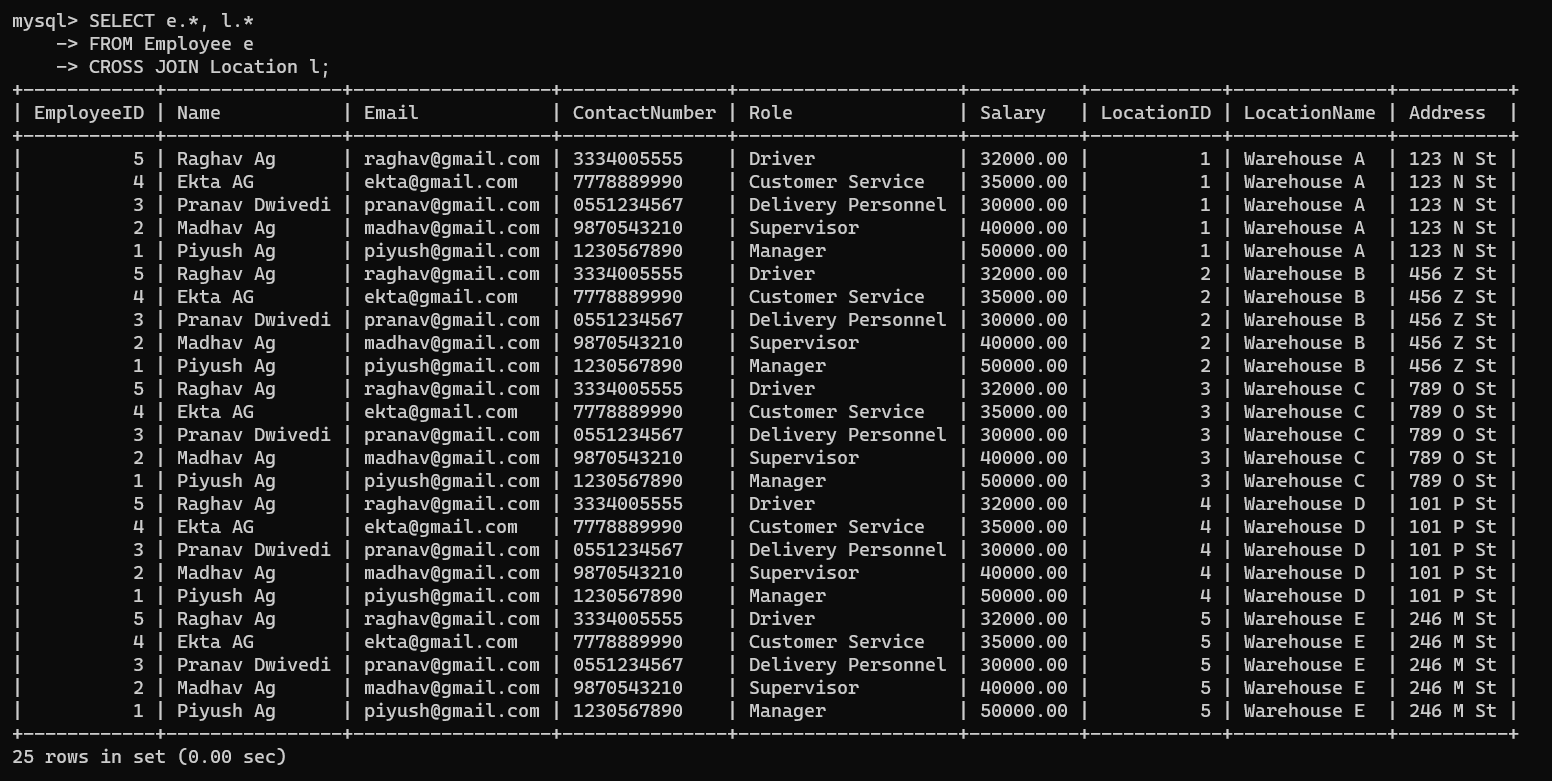
**35. Retrieve a list of all employees and their corresponding payments, including cases where there are no matches on either side**

****

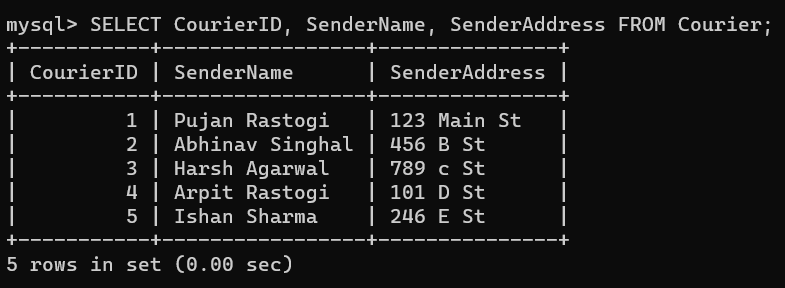
**36. List all users and all courier services, showing all possible combinations.**

****

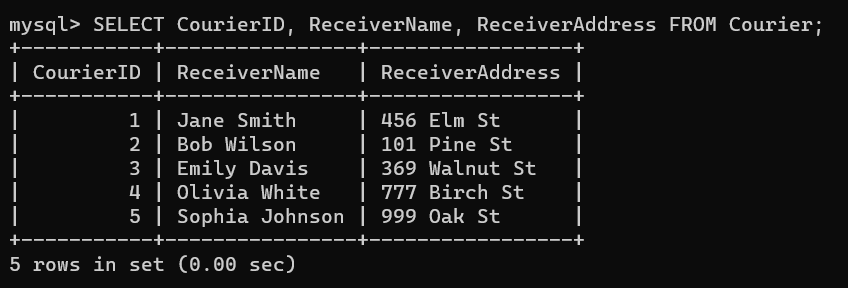
**37. List all employees and all locations, showing all possible combinations:**

****

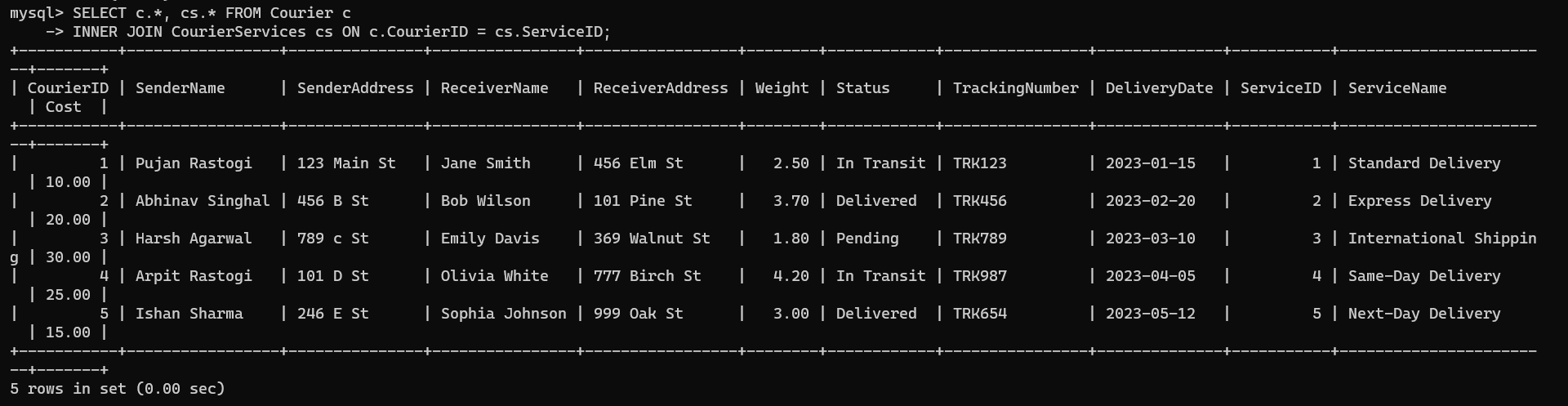
**38. Retrieve a list of couriers and their corresponding sender information (if available)**

****

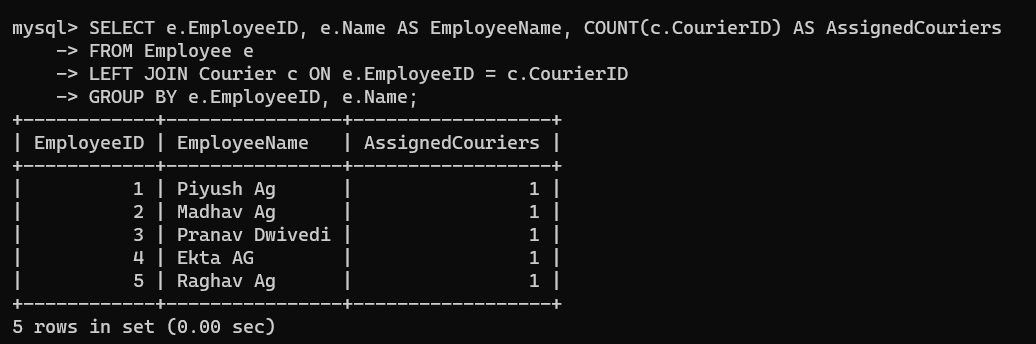
**39. Retrieve a list of couriers and their corresponding receiver information (if available):**

****

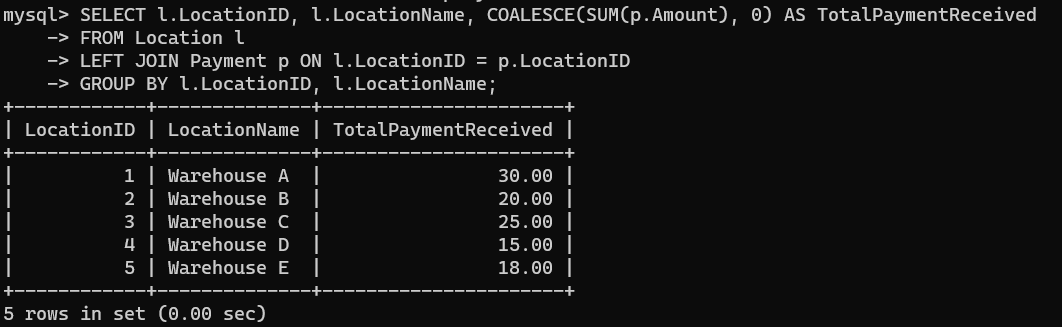
**40. Retrieve a list of couriers along with the courier service details (if available):**

****

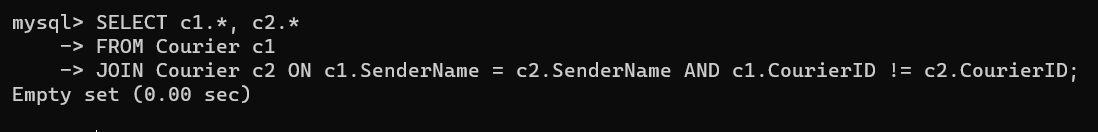
**41. Retrieve a list of employees and the number of couriers assigned to each employee:**

****

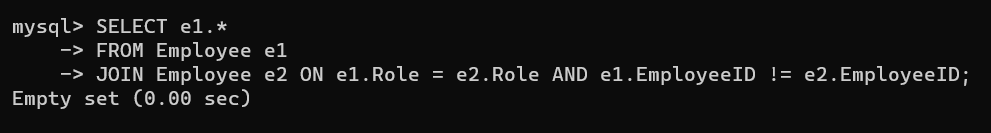
**42. Retrieve a list of locations and the total payment amount received at each location:**

****

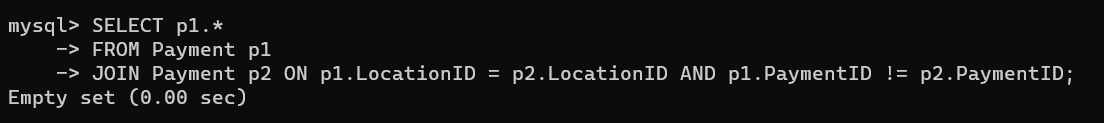
**43. Retrieve all couriers sent by the same sender (based on SenderName).**

****

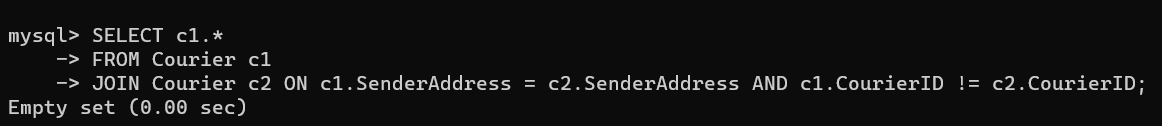
**44. List all employees who share the same role.**

****

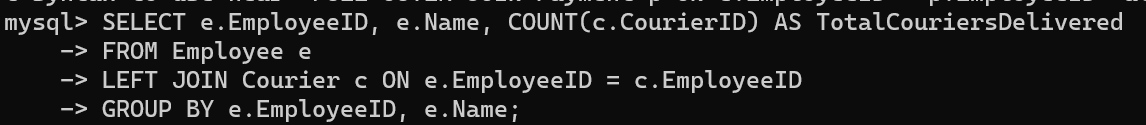
**45. Retrieve all payments made for couriers sent from the same location.**

****

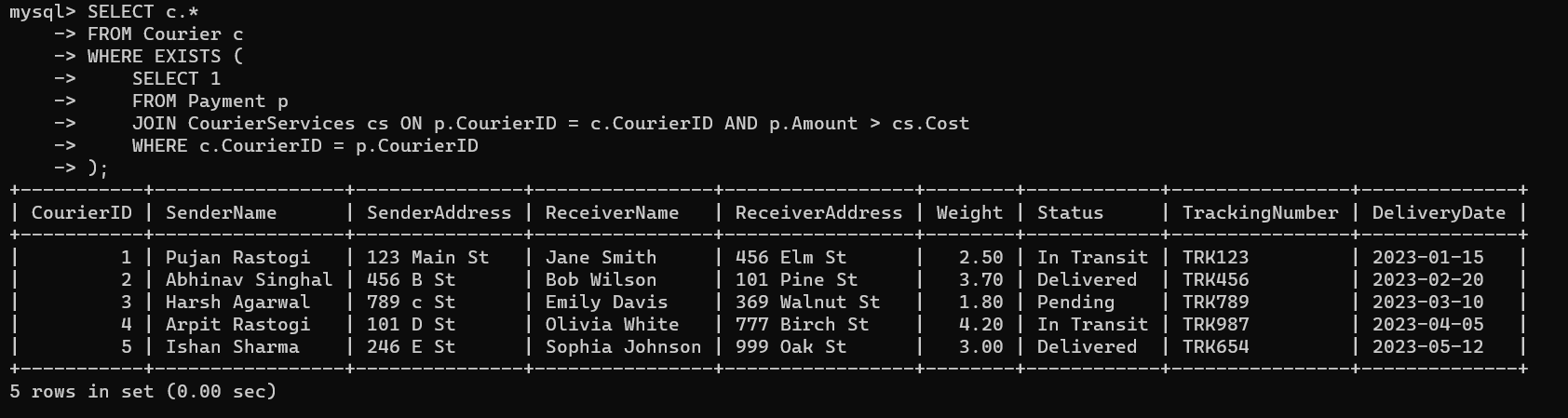
**46. Retrieve all couriers sent from the same location (based on SenderAddress).**

****

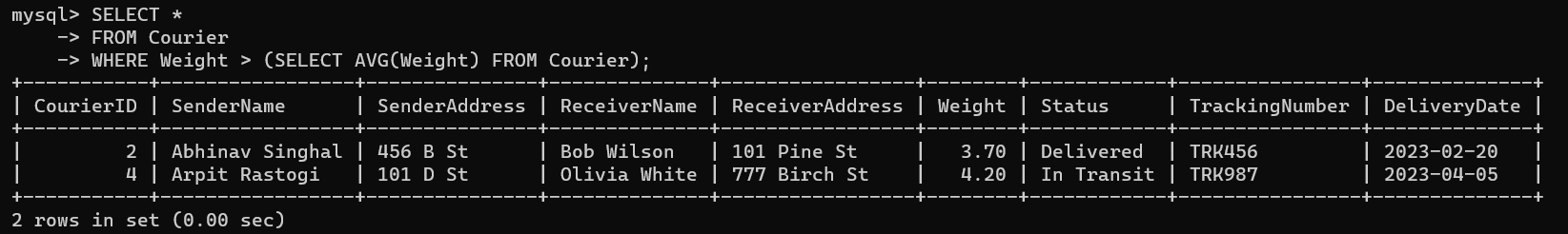
**47. List employees and the number of couriers they have delivered:**

****

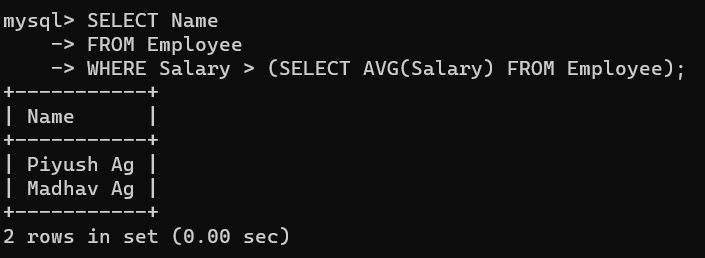
**48. Find couriers that were paid an amount greater than the cost of their respective courier services Scope: Inner Queries, Non Equi Joins, Equi joins,Exist,Any,All**

****

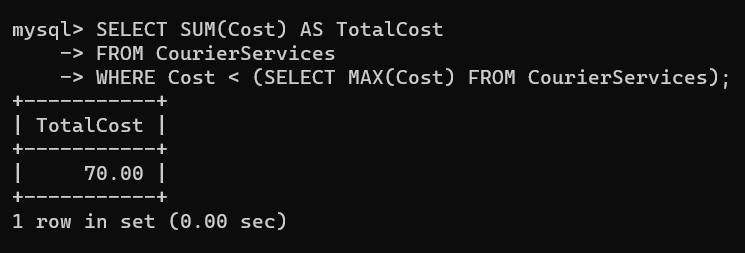
**49. Find couriers that have a weight greater than the average weight of all couriers**

****

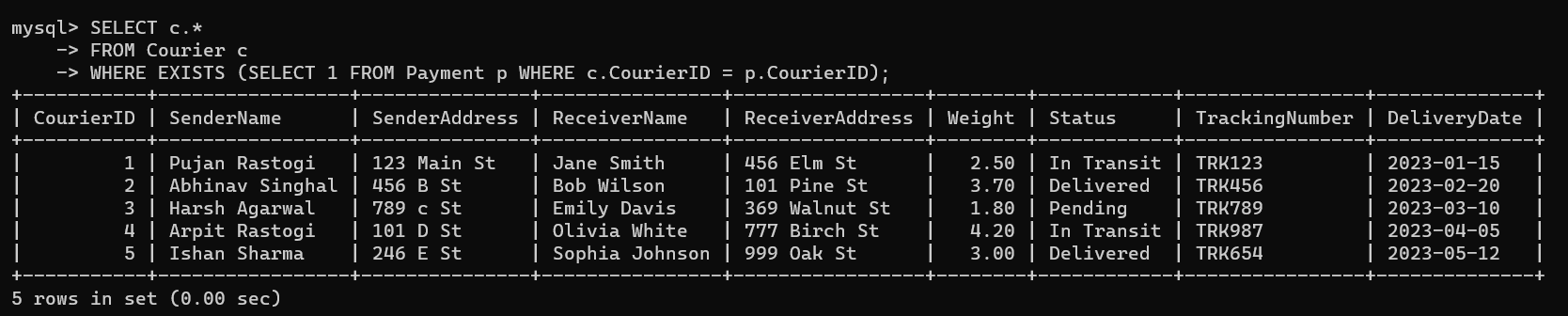
**50. Find the names of all employees who have a salary greater than the average salary:**

****

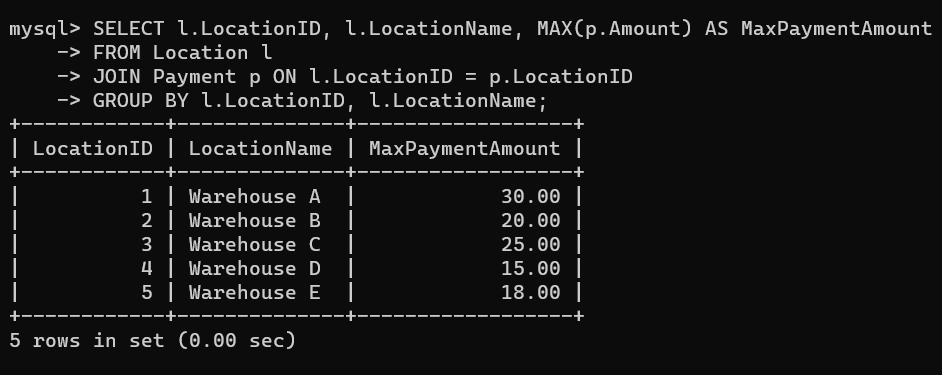
**51. Find the total cost of all courier services where the cost is less than the maximum cost**

****

**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'):**

