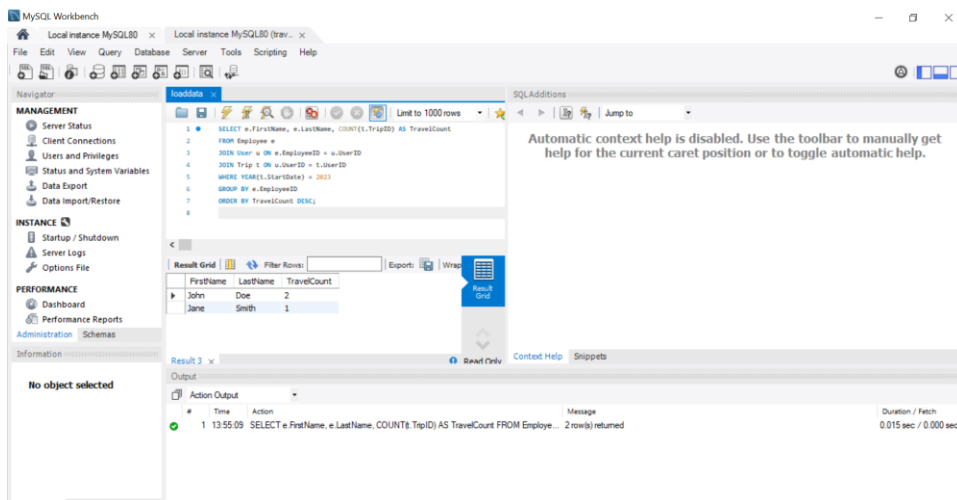# TRAVEL EXPENSE MANAGEMENT

1)

List all the employees who have made more frequent travel on 2023

Answer

SELECT e.FirstName, e.LastName, COUNT(t.TripID) AS TravelCount

FROM Employee e

JOIN User u ON e.EmployeeID = u.UserID

JOIN Trip t ON u.UserID = t.UserID

WHERE YEAR(t.StartDate) = 2023

GROUP BY e.EmployeeID

ORDER BY TravelCount DESC;

2)

List the Employee who made a trip from "Trivandrum" to "Dubai" on July 2023 and the manager responsible for the travel

Answer

SELECT e.FirstName AS EmployeeFirstName, e.LastName AS EmployeeLastName,

m.FirstName AS ManagerFirstName, m.LastName AS ManagerLastName

FROM Employee e

JOIN User eu ON e.EmployeeID = eu.UserID

JOIN Trip et ON eu.UserID = et.UserID

JOIN User mu ON eu.UserID = mu.UserID -- Assuming the manager information is also stored in the User table

JOIN Employee m ON mu.UserID = m.EmployeeID

WHERE et.Destination = 'Dubai' AND et.StartDate BETWEEN '2023-07-01' AND '2023-07-31';