**RDBMS Task#2 Answer**

1. SELECT FirstName, LastName, Phone, City

FROM Drivers WHERE Rating >= 4.5;

1. SELECT DriverID, COUNT(\*) AS TotalRides

FROM Rides

WHERE RideStatus = 'Completed'

GROUP BY DriverID;

1. SELECT FirstName, LastName, Phone

FROM Riders

WHERE RiderID NOT IN (SELECT DISTINCT RiderID FROM Rides);

1. SELECT d.DriverID, d.FirstName, d.LastName, SUM(p.Amount) AS TotalEarnings

FROM Drivers d

JOIN Rides r ON d.DriverID = r.DriverID

JOIN Payments p ON r.RideID = p.RideID

WHERE r.RideStatus = 'Completed'

GROUP BY d.DriverID, d.FirstName, d.LastName;

1. SELECT RiderID, MAX(RideDate) AS MostRecentRide

FROM Rides

GROUP BY RiderID;

1. SELECT City, COUNT(\*) AS TotalRides

FROM Rides r

JOIN Riders ri ON r.RiderID = ri.RiderID

GROUP BY City;

1. SELECT \*

FROM Rides

WHERE Distance > 20;

1. SELECT PaymentMethod, COUNT(\*) AS UsageCount

FROM Payments

GROUP BY PaymentMethod

ORDER BY UsageCount DESC

LIMIT 1;

1. SELECT d.DriverID, d.FirstName, d.LastName, SUM(p.Amount) AS TotalEarnings

FROM Drivers d

JOIN Rides r ON d.DriverID = r.DriverID

JOIN Payments p ON r.RideID = p.RideID

WHERE r.RideStatus = 'Completed'

GROUP BY d.DriverID, d.FirstName, d.LastName

ORDER BY TotalEarnings DESC

LIMIT 3;

1. SELECT r.RideID, ri.FirstName AS RiderName, d.FirstName AS DriverName, r.RideDate, r.PickupLocation, r.DropLocation

FROM Rides r

JOIN Riders ri ON r.RiderID = ri.RiderID

JOIN Drivers d ON r.DriverID = d.DriverID

WHERE r.RideStatus = 'Cancelled';